Current and future prospects for vessel related introductions of exotic species to the Arctic region.

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2007

Canadian Technical Report of Fisheries and Aquatic Sciences 2720

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Canadian Technical Report of Fisheries and Aquatic Sciences

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Canadian Technical Report of
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Cat. No. Fs 97-6/2702E ISSN 0706-6457

Published by:

Fisheries and Oceans Canada
200 Kent Street
Ottawa, Ontario
K1A 0E6

Through the assistance and cooperation of
the Council of Fisheries and Oceans Libraries (COFOL).

Correct citation for this publication:

Niimi, A.J. 2007. Current and future prospects for vessel related introductions of exotic species to the Arctic region. Can. Tech. Rep. Fish. Aquat. Sci. 2720: 86 p. + appendices

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ABSTRACT

Current and future prospects for vessel related introductions of exotic species to the Arctic region

Domestic and international cargo movements and vessel visits between 1997 and 2006 to Arctic waters in Canada indicated a low probability for introducing exotic species through vessel related activities to this region. Navigation season is about 2 to 4 months due to ice cover and the few visits by international vessels that originate from other coldwater ports are largely limited to U.S. vessels from Alaska. Areas along the northern coast of mainland Canada could be most vulnerable to exotic species introduction because of extensive shallow nearshore areas that border an important shipping corridor. Concerns of increasing air temperatures in this region were also examined because this could extend the navigation season, and increase access by international vessels to this region with the opening of a circumpolar navigation route.

RÉSUMÉ

Perspectives actuelles et futures en ce qui concerne l'introduction par navire d'espèces exotiques dans la région arctique

Les déplacements et les visites des navires domestiques et internationaux, de charge et autres, aux eaux arctiques du Canada entre 1997 et 2006 ont montré que la probabilité de l'introduction d'espèces exotiques, par l'intermédiaire des activités des navires dans la région, est faible. La saison de navigation est d'une durée de deux à quatre mois environ, vu la couche de glace, et les rares visites des navires internationaux, originaires de ports d'eaux froides autres, se limitent à celles des navires américains, en provenance d'Alaska. Les régions littorales du nord du Canada continental sont peut-être les plus vulnérables en matière d'introduction d'espèces exotiques, vu l'étendue des régions côtières peu profondes qui longent une voie de circulation importante. Il y a eu une étude des préoccupations par rapport aux températures de l'air à la hausse dans cette région, étant donné que ceci pourrait prolonger la saison de navigation et, après l'ouverture d'une route navale circumpolaire, rendre la région plus accessible aux navires internationaux.

INTRODUCTION

Vessel transport has often been suggested as the means for introducing aquatic species with no commercial or esthetic value to areas that are hundreds of km away from where they are found. It is a plausible explanation that links a means of transportation between where a species is present and was captured. Water carried by vessels as part of their operational procedure also provides the medium in which a species is transported. Vessel transport was suggested for a toxic dinoflagellate from Asia to Australia based on earlier reports of their presence on vessels destined for the region, and a mussel introduced to Hong Kong that was later found on vessels entering the harbour (Chu et al. 1997; Hamer et al. 2000).

Vessels can unknowingly transport organisms that are attached to the hull and carried in ballast water by a vessel in transit. Ballast is carried to maintain the desired draft to optimize vessel performance and safety. Water is usually taken on board or discharged to compensate for changes in weight when cargo is loaded or unloaded, and adjustments can be made while a vessel is in transit. Biological enumerations of ballast indicate many taxa are present, densities are highly variable, and can include species that non-native to the area where the ballast is discharged (Aquatic Sciences Inc. 1996; Harvey et al. 1999). Ballast can be held on board for few days to several weeks, and holding conditions will vary among the many ballast tanks that are found on larger vessels (Carlton et al. 1995; Niimi and Reid 2003). Little is known about the survival rate of organisms that are discharged and their probability to become established in a new environment. Adult zebra mussels (*Dreissena polymorpha*) were first reported in the Great Lakes in 1986 even though veligers that could have been *Dreissena sp.* were first reported in ballast samples taken from incoming overseas vessels in 1980 (Bio-Environmental Services Ltd. 1981; Hebert et al. 1989).

Relatively little is known about the biology of the Arctic waters compared to the terrestrial environment. About 4,000 species of terrestrial arthropods have been reported and numerous flora are found in the region (Aiken et al. 1999 onwards). Studies in the aquatic environment indicate diversity is low because of fewer niches, and annual growth and productivity are low compared to other temperature zones (Margalef 1977, Dunbar 1982). Difficulties with access and assessing the fauna the higher latitudes can influence what is known about species that are native to the area and their distribution range. A study on 64 marine bivalve species in the central and eastern Arctic waters of Canada concluded 16 are panarctic circumpolar species (Lubinsky 1980). The mollusc *Yoldiella fraternal* was found in one location while *Hiatella artica* was found throughout the Arctic. Another study reported 26 molluscs collected around Axel Heiberg Island were found in depths up to 48 m, but unlikely to be found in less of less than 3 m due to direct freezing and abrasion by drift ice (Aitken and Gilbert 1996). A study on 114 amphipod species in Ungava Bay concluded 26 were new to North America, 22 were circumpolar and 22 others may also be the same (Dunbar 1954). The isopod *Mesidotea entomon* and mollusc *Portalandia aestuariorum* are common in Russia waters but were reported in isolated areas in Canadian waters which might indicate they were introduced (Table 1). Some species like the sea cucumber *Elpidia glacialis* have a circumpolar distribution in the Arctic and is also found in Antarctica.

Vessel related introductions of exotic species to the higher latitudes should be rare compared to waters at lower latitudes because access is limited by surface ice cover. Permanent ice cover can extend lower than 75° North latitude between 110° West to 110° East longitude, and above 83° North, between 110° East longitude to the east coast of Greenland (National geographic 1999). The southern limit of seasonal sea ice extends from these limits to the northern coasts of Greenland, North America, Asia and most of Europe except for small area along the north western coast. A navigation corridor between the ice cover and the coastline will occur between mid summer and fall as seasonal ice recedes. These leads could be open for several months but many access can vary early and late in the season due to drifting ice.

Exotic species have been occasionally reported in the southern coastal waters of Alaska. Some introductions in Prince William Sound were attributed to vessels that enter the Port of Valdez. This port is the southern terminus for the Trans Alaska Pipeline where oil is transferred to tankers for delivery to refineries in Puget Sound and return to Valdez in ballast. Introductions of a polychaete and sponge were attributed to ballast water discharge, and a bryozoan to hull fouling (www.nas.er.usga.gov., accessed 15 April, 2007). Species native to northeastern North America have also expanded their distribution range to the Arctic region through authorized and unauthorized introductions in connecting waterways. This was case for rainbow smelt (*Osmerus mordax*) that were reported in the estuary of the Nelson River along the coast of Hudson Bay (Scott and Crossman 1973, Wright 2002).

This study examined vessel related activities in the Arctic during the past decade to assess their potential for introducing exotic species to this region. Information on cargo volumes and vessel visits were used to obtain a retrospective analysis on the frequency of their movements between domestic and international ports located in cold, temperate and tropic waters. Environmental conditions in the Arctic could be in a transitional state now based on a number of indicators. There have been a number of observations on changes in migration patterns of marine mammals, changes in the ecology of the region, and even the prospects of increased military operations due to change temperature patterns (Cohen 1997, U.S. Navy 2001, www.worldwildlife.org., accessed May 7, 2007). Long term air temperature patterns were also examined to determine if higher annual temperatures are becoming more common, and its potential role of increasing exotic species introductions to this region. Nearshore habitats along navigation routes were also examined to identify areas where introduced species could become established.

Table 1. Aquatic species widely distributed in Arctic waters (Atlas of the arctic 1985)

Species	Distribution
Crustacean zooplankton	
Calanus hyperboreus	Circumpolar
C. crisatus	Eastern Russia; U.S. (AK) in Bering Sea.
C. finmarchicus	Southern Greenland; Iceland; Norway; western Russia
Limnocalanus grimal	Norway; western Russia; southwest Greenland; eastern Canada
Amphipods	
Onisimus edwardsi	Russia; Norway; Iceland; Greenland; Canada
O. plautus	Russia; Greenland; Canada
O. caricus	Central and western Russia; Norway; U.S. (AK)
O. turgidus	Eastern and central Russia; U.S. (AK)
Isopods	
Eurycope hanseni	Central and western Russia; Norway; Iceland.
Gnathia stygia	Central and western Russia; Greenland
Mesidotea entomon	Russia; Canada northern James Bay, Labrador
M. megalura megalura	Eastern Russia; U.S. (AK); western Canada
M. sabini sabini	Russia; Iceland; western Greenland; U.S. (AK); eastern Canada
Polychaete	
Poliometra prolixa	Western and central Russia; Greenland; eastern Canada
Mollusc	
Portlandia arctica	Russia; northern and eastern Greenland; Canada
P. aestuariorum	Eastern and central Russia; western Canada M'Clure Strait
Aquatic Plants	
Laminaria solidungula	Russia; Greenland; northern Canada
Sphaecelaria arctica	Russia; Greenland; U.S. (AK), eastern Canada
Fucus vesiculosus	Western Russia; Greenland; Norway; eastern Canada
Ascophyllum cribrosa	Western Russia; southern Greenland; Iceland; Norway; eastern Canada
Agarum cribrosa	Eastern Russia; U.S. (AK); eastern Canada
Neodilsea integra	Western and eastern Russia; northern Greenland; Iceland; U.S. (AK)
Polysiphonia artica	Greenland; Russia; eastern Canada

ARCTIC AQUATIC ENVIRONMENT

GENERAL OCEAN CIRCULATION

Circumpolar isotherms based on air temperatures can differ from water temperatures in the northern latitudes because of warm and coldwater masses that move between the continents. Water movements in the Arctic Ocean are generally influenced by two large masses that move anti-cyclonic (clockwise) and cyclonic (counter-clockwise). Waters between western Europe and the North Pole generally move cyclonic as the Transpolar Drift Stream from eastern Asia across the North Pole towards eastern Greenland (Gorshkov 1983, Atlas of the polar regions 1985, National geographic 1999). A second mass move anti-cyclonic as the Beaufort Gyral Stream is derived from the Transpolar Drift from the North Pole, and Pacific waters that move north through the Bering Strait.

Water temperature in the Arctic region is influenced by north and south flow of cold and warm waters between Europe, Greenland, North America and Asia. Temperature in the North Atlantic is influenced by the Norway and Irminger Currents that are two warm masses which flow north along the northeastern coast of Europe. The Norway Current divides into the North Cape Current and Spitsbergen-Atlantic Current off Norway. The North Cape Current flow east along western Russia, most of the water will move north and join the Transpolar Drift Stream. The remainder will continue to move east along the coast of Russia. Most of this water will join the Beaufort Gyral Stream, and a small mass will move south into the Bering Sea as the Kamchatka Current. The Spitsbergen-Atlantic Current flow northwest and join the cold East Greenland Current flowing south. This major current will carry most of the cold water from the Arctic to the North Atlantic.

Waters of Canada

Some information is available on water movements in the eastern and western Arctic, but little for central Arctic waters. In the eastern Arctic, the Irminger Current flows northwest towards Iceland and around southern Greenland before moving north as the West Greenland Current. This warm current will continue into Baffin Bay and move south as the cold Labrador Current along the east coast of Canada. Surface waters in Baffin Bay are cold because the upper layer is derived from the Arctic Ocean that moves through Nares Strait, while the warmer lower layer is derived from the West Greenland Current (Tang et al. 2004).

Water entering the James Bay region is primarily derived from the Labrador Current through Hudson Strait along the southwest coast of Baffin Island (Hamilton 2006). Most of this flow will continue northwest into Foxe Basin and move cyclonically between Prince Charles Inland and Southhampton Island, and into Hudson and James Bay. Water will continue to flow along the northwest shore of Quebec into Hudson Strait and Ungava Bay before moving east to the Labrador Current. Some of water that initially entered the region will move west below Southhampton Island and merge with the cyclonic flow in Hudson Bay. Substantial volumes of freshwater also enter Hudson Bay from the many rivers along its coast (Hamilton 2006).

Water masses in the western high Arctic originate from the Transpolar Drift Stream and Beaufort Gyral Stream and generally move northwest to southeast across Canada between Queen Elizabeth Islands and Banks Island towards Parry Channel and into Baffin Bay (Gorshkov 1983). A small volume of water mass also enter Baffin Bay further north through Fram Strait between Ellesmere and Devon Island (Jones et al. 2003). Observations on winter and summer ice drift, and summer surface currents in eastern Lancaster Sound between Cornwallis Island and Baffin Bay indicate seasonal differences in directions (DIAND 1982). Ice drift will move east into Baffin Bay during winter, and surface currents flow west in summer near the entrance to Lancaster Sound along the north coast of Devon Island.

Flows in the southern Beaufort Sea region is influenced by local wind conditions. Surface waters along the Mackenzie River delta will move east or west depending on wind direction (Fisheries and Environment Canada 1978). Hufford (1975) reported an east flow along the south coast into Amundsen Gulf, and north flow along both coasts of Banks Island into Parry Channel. Wilson (1974) reported a weak east flow along the south coast of Amundsen Gulf, a south flow along the coast of Banks Island from Parry Channel, and a strong west flow along the north coast of Amundsen Gulf back to the Beaufort Sea. There is also a weak east flow along shallow Beaufort Sea shelf along the northern coast of Alaska that may include warm water layers from the Bering and Chukchi Seas as well as upwelling of nutrient rich waters (Hufford 1973, 1974, Pickart 2004).

In general, flow patterns indicate most surface waters entering the Canadian Arctic at the higher latitudes in the eastern Arctic is derived from colder water masses moving south between Greenland and Ellesmere Island, and the Beaufort Sea Gyral moving southwest between the larger islands in the western Arctic. Most of the warmer surface waters from the south moving north through the Bering Strait and the Chukchi Sea should move anti-cyclonically into the Beaufort Gyral Stream before returning as colder waters to the higher latitudes. Relatively warmer waters could also enter the Hudson Bay region from the Labrador Current because of its southerly location in Baffin Bay (Dunlap and Tang 2006). Waters along the northern coast of mainland Canada would also be warmer than those found among the larger islands at the higher latitudes. These current movements will influence permanent and seasonal ice cover patterns across the Canadian Arctic.

DEFINING THE REGION

The Arctic Circle and Arctic Region can define the colder areas in the northern hemisphere based on astrological and meteorological observations. The Arctic Circle is located 66° 33' North. This circumpolar band represents the southern extreme of the summer solstice where the sun is above the horizon for 24 h, and the winter solstice where the sun is below the horizon for 24 h. The Arctic Region is an irregular area defined by the 10° C surface air isotherm in July that coincide with the end of the treeline and start of the tundra. This Arctic Region extends 300 to 700 km above the Arctic Circle along the coasts of North America, Europe and Asia, and 800 to 1,700 km below the circle in the northeast Atlantic and North Pacific Oceans (Atlas of the polar regions 1985). Canada's claim to this region is defined as "waters adjacent to the mainland and islands of the Canadian Arctic within the area enclosed by the sixtieth parallel of north latitude,

the one hundred and forty-first meridian of west longitude and a line measured seaward from the nearest Canadian land a distance of one hundred nautical miles, except that in the area between the islands of the Canadian Arctic and Greenland, where ….. " (Transport Canada 1978).

Coldwater region

This study required a geographic region that is defined by water temperature that is not adequately identified by the Arctic Circle or Arctic Region. A circumpolar "coldwater region" is therefore proposed that is based on the southern extent of the 0° to 5° C surface water temperature band in July (Couper 1983). The North Atlantic section of the 5° C surface water isotherm extends from 66° North, 12° East off Norway, in a south-southwest direction below Iceland and Greenland, to 48° North, 50° West off Newfoundland. It continues north at 48° North, 60° West in the Gulf of St. Lawrence to the shore of Quebec. This zone is influenced by the East Greenland, Irminger and Norway Currents. The North Pacific section extends from 60° North, 144° West off Alaska, in a south-southwest direction below the Aleutian Islands and Kamchatka Peninsula to 55° North, 130° East in the Sea of Okhotsk. Temperatures are influenced by the Alaska, Aleutian, Kamchatka and Oya Shio Currents. The extent of the 5° C surface water isotherm in the Atlantic Ocean is similar to the10°C surface air isotherm of the Arctic Region, but extends well beyond that in the Pacific Ocean.

A "temperate coldwater zone" is also proposed, this is based on the ~5° to 7° C portion of the 5° to 10° C surface water temperature band in July (Couper 1983). This zone was included because there are few ports in the coldwater zone that historically handle large cargo volumes from ports in other countries. The North Atlantic area extends from 58° to 66° North in Norway, to 45° to 48° North in Canada. The North Pacific area include the waters between 60° to 66° North near the U.S. - Canada border, to 43° to 55° North near Sakhalin Island.

Areas of inclusion and exclusion

The coldwater region in Canada includes all waters along the coast of Nunavut, Northwest Territories, Yukon Territory, and Labrador, and the northern coasts of Quebec and Ontario, and northeast coast of Manitoba along Hudson Bay and James Bay. Waters in Canada that were excluded include the southern edge of the coldwater and temperate coldwater zones along the east coast. This area include parts of Newfoundland located north of Cape Bonavista on the east coast and Cape Ray on the west coast, a small area of Quebec in the Gulf of St. Lawrence, the Strait of Belle Isle, and part of the Cabot Strait, and along the east coast of Nova Scotia. Vessels entering these and other ports in the St. Lawrence River and Great Lakes may also pass near the warm water flow of the Gulf Stream whose position in the North Atlantic will vary seasonally (Kelly 1991). All domestic waters and ports located outside the coldwater zone were deemed to be in the temperate water zone in Canada.

The Port of Okhotsk on the north shore of the Sea of Okhotsk, is located in an isolated 5° to 10° C area. This port was included in the coldwater zone because it is located 500 km inside the 0° to 5° C zone (Couper 1983). There were differences in the July water temperatures near the northern border between northeastern Norway and northwestern Russia where Couper (1983) indicated summer temperatures 0° to 5° C. Gorshkov (1983) reported summer temperatures in

the 5° to 10° C range in a small area near the Port of Murmansk, while the remainder of the nearshore area along the coast of northern Russia was in the 0° to 5° C range. This port was included in the northern coldwater zone for this study.

Domestic eastern and western Arctic waters

East-west transit by vessels across northern Canada is limited to a few months annually because of surface ice in Parry Channel and Franklin Strait that will restrict or prevent vessels from accessing connecting waterways. Movements of cargo and vessels will be examined by dividing the region into an eastern and western waters based on this point of restriction. The eastern Arctic includes all coldwater ports in Labrador, Quebec, Ontario and Manitoba, and most ports in Nunavut including Arctic Bay. High Arctic ports like Resolute will be included in this region because of their cargo movements with ports in eastern Canada. The western Arctic includes all ports in the Northwest Territories, Yukon Territory and some ports in Nunavut including Spence Bay. Arctic Bay is geographically separated from Spence Bay by 500 km but 1,100 km by vessel transit.

INDICATORS OF VESSEL MOVEMENTS

A search indicated no data base was available that would relate cargo volumes handled by domestic and international vessels with frequency of visits to Canadian ports in the coldwater region. Further inquires identified three sources that included (a) Statistics Canada's compilation of cargo deliveries by domestic and international vessels to all domestic ports, (b) ports visited by an annual bulk cargo delivery program to many northern communities associated with the Sealift program, and (c) Canadian Coast Guard program that monitored vessel visits to domestic ports and stops. Information from these sources was collectively used to assess cargo and vessel movements between domestic and international ports located in colder waters.

CARGO MOVEMENTS

Data source and screening

Statistics Canada has been compiling information on cargo movements by various means of transportation including vessels at the regional, national and international levels as part of its mandate. This information is summarized in an annual report (Statistics Canada 1997 to 2003). This study used the unpublished data bases of these reports provided by Statistics Canada, Transportation Division, Ottawa, ON. These data bases were not included in this study because they should be available from Statistics Canada.

The 1997 to 2003 data bases included about 1,800 domestic and 30,000 international "movements" (entries) annually. Each movement reported the handling port, port of origin/destination, commodity carried, and volume of non-containerized and containerized cargo that was loaded and/or unloaded. Each domestic data base was screened, and movements selected included those reporting cargo transported between ports in the coldwater region, and between coldwater and temperate water ports. International movements were screened, and movements selected included those reporting cargo transported between domestic cold- and temperate water ports and international ports in coldwater, temperate coldwater, temperate and tropic waters. The number of domestic movements screened and selected (in brackets) were 2,209 (344), 1,627 (120), 1,704 (110), 1,934 (412), 1,941 (439), 1,835 (515) and 1,874 (545) entries from 1997 to 2003 respectively. International data screened and selected included 22,325 (408), 24,593 (430), 23,726 (431), 31,464 (559), 30,858 (501), 31,644 (461) and 32,856 (471) movements respectively.

A domestic "port" listed in this study should be viewed as a site where cargo is loaded and unloaded. Ports like Montreal have the infrastructure to handle larger vessels that carry different types of cargo while many ports or stops in northern Canada do not. Port names listed in the data bases were reported in Inukitut and/or Canadian (French or English), these were changed to a common name for consistency and compilation purposes (Appendix 1). Nunavut was established as a Territory in 1999. Cargo volumes handled by ports in Northwest Territories in the 1997 and 1998 data bases now located in Nunavut were updated. Some entries for Nunavut and the Northwest Territories were reported as "port not specified", these were listed as coldwater ports in this study. The 1997 to1999 data bases also reported ports as "Quebec – North" probably represented those located around James Bay, Hudson Bay, Hudson Strait and Ungava Bay, these

were listed as coldwater ports. Only coldwater ports in Newfoundland and Labrador are located along the coast of Labrador. Ports reported as "Newfoundland not specified" or "offshore" were listed as temperate water ports. U.S. ports in Alaska reported as "Arctic ports" were listed as coldwater, and "Alaska unknown" as temperate coldwater ports. Coldwater ports in Denmark located on Greenland and the Faroe Islands were listed separated because ports along the west coast of Greenland are located close to, and exchanged cargo more frequently with ports in Nunavut.

The commodity loaded or unloaded was identified with each movement. Statistics Canada used a numeric code and brief description of each item that can represent a single product (e.g., 17100 Gasoline), a group of products (24213 Plates, sheets, film, foil, tape, strip of plastic), or non-specific items (42390 General and unknown freight or cargo, <carload shipment). About 350 commodities were listed (Appendix 2).

Volume of cargo loaded and/or unloaded ranged from 1 to >1,000,000 tonnes. Information compiled by Statistics Canada was used to determine the total volume, type and value of cargo moved domestically and internationally annually. The means of transport is recorded but not the number of trips taken. For example, a movement can report a volume of a commodity transported by a vessel from ports A to B. This movement could represent the total volume of commodity transported by one or more vessels from ports A to B. A movement can also report different volumes of the same commodity loaded and unloaded between ports A and B. In this case, the same commodity was transported on several occasions by one or more vessels between the two ports.

The total volume of cargo "handled" annually by domestic transits reported Statistics Canada Annual Reports is not comparable to the total volume "transported" by international transits because the domestic movement is recorded twice. For example, 1,000 tonnes of fuel oil loaded at Churchill, MB and unloaded at Rankin Inlet, NU would be entered as a movement of 1,000 tonnes of oil loaded at Churchill, and another movement of 1,000 tonnes of oil unloaded at Rankin. This is not the case for international transits where the volume and commodity transported is reported once at the Canadian port where it was loaded or unloaded. Cargo volumes transported by domestic vessels would therefore 50% of the volumes by international transits.

Data analyses

Domestic and international cargo movements were compiled according to volumes transported within or between 7 zones based on water temperatures. Domestic movements include ports where cargo was loaded and unloaded (a) within the coldwater zone (e.g., Churchill and Rankin Inlet); and (b) between cold- and temperate waters (Cape Dorset, NU and Montreal, QC). International movements were based on ports were cargo was imported or exported include (c) Canadian and international ports in coldwater (Iqaluit, NU and Nuuk, Greenland); (d) Canadian coldwater and international temperate coldwaters (Churchill and Stavanger, Norway); (e) Canadian cold- and international temperate or tropic waters (Churchill and Antwerp, Belgium or Veracruz, Mexico); (f) Canadian temperate and international coldwater (Montreal and

Murmansk, Russia); and (g) Canadian temperate and international temperate coldwater (Vancouver, BC and Juneau, AK). No cargo movements were reported between Canadian ports and international ports in the cold and temperate coldwater zones in the southern hemisphere.

Domestic cargo movements

Between domestic coldwater ports

About 110 million tonnes of domestic cargo was handled annually in Canada, non-containerized cargo account for over 99% of this volume (Table 2). This volume was 5 times less than that transported between Canadian and international ports. Cargo movements within the coldwater region averaged 79,500 tonnes, this volume represented less than 0.1% of the total domestic volume. Nearly all of the cargo transported within this region was non-containerized.

Domestic cargo was handled by 64 coldwater ports that included 33 in Nunavut, 16 in Quebec, 9 in Northwest Territories, 4 in Labrador, and 1 each in Manitoba and Ontario (Table 3). The Ports of Churchill and Tuktoyaktuk each handled about 20% of total cargo moved in this region (Tables 4 and 5). Petrochemicals were the most common commodities loaded at Churchill, and loaded and unloaded at Tuktoyaktuk. Iqaluit handled smaller volumes although commodities were unknown (Table 6). Many smaller communities received fuel oil (18000) and gasoline (17100) shipments of 500 to 3,000 tonnes annually. Additional information on cargo volumes and commodity movements between domestic ports and international ports in the coldwater, temperate coldwater, temperate and tropic ports reported by Statistics Canada is available in Appendix 3.

Domestic coldwater and temperate ports

Another 244,000 tonnes of cargo was handled between coldwater and temperate ports, 94% was non-containerized. These movements included 48 ports in the coldwater region and many ports in the temperate region located along the Atlantic and Pacific coasts, the St. Lawrence River and Great Lakes (Table 3). About 96% of this volume was handled by ports along the St. Lawrence River at Cote-Ste-Catherine, Montreal, Quebec City and Valleyfield, and the Atlantic coast by Halifax, St. John and Come-By-Chance (Table 7).

Over 80% of the 234,400 tonnes handled by the 7 ports was transported to ports in the coldwater region. Petrochemical products were common commodities loaded at Montreal, Quebec City, Halifax, St. John and Come-By-Chance, and general cargo common loaded at Cote-Ste-Catherine and Valleyfield. The number of coldwater ports visited indicated Montreal was the primary domestic port that delivered petrochemical products to coldwater communities. Cote-Ste-Catherine and Valleyfield were important ports of departure for general cargo deliveries to these communities. Valleyfield is becoming more prominent as a receiving port for general domestic cargo from the coldwater region. Cargo movements between the temperate and coldwater ports less than 200 tonnes were often listed as general and unknown cargo. Cargo that originated from the Ports of Churchill, Iqaluit, Cornwallis Island and Deception Bay, QC usually included bulk materials.

International cargo movements

About 288 million tonnes of cargo annually moved between Canada and other countries (Table 8). Exports accounted for 63% of this volume, and 90% of this is was non-containerized. Less than 800,000 tonnes of cargo moved annually between domestic coldwater ports and international ports in all waters, and 88% of this was exported. Cargo movements between domestic coldwater and international coldwater ports were limited to Greenland and the U.S., the number of ports visited in each country could not estimated because many were not identified. Movements between domestic temperate coldwater ports were limited to Stavanger, Norway. Movements between domestic temperate ports and international coldwater ports included Greenland and Faroe Islands, Iceland, Russia and the U.S. that included 23 ports, and other ports that were not identified. Movements between domestic temperate and international temperate coldwater ports included those in Norway and Alaska (Table 9).

Domestic coldwater and international coldwater ports

Cargo movements between 19 domestic and international coldwater ports between 1997 and 2003 included U.S. ports in northern Alaska and Greenland ports across Davis Strait from Baffin Island (Table 9). Less than 38,000 tonnes of cargo moved between these areas annually (Table 8). Petrochemicals from Greenland were common products destined for coldwater ports in eastern Arctic (Tables 3 and 4). Smaller volumes of other commodities moved between Tuktoyaktuk and U.S. ports in Alaska (Table 5).

Domestic coldwater and international temperate coldwater ports

Cargo volumes moved between 2 domestic coldwater and international temperature coldwater ports were small and infrequent. No movements were reported between 2000 and 2002, and volumes for other years ranged from 780 to 26,400 tonnes (Table 8). Transits between 1997 and 1999 were limited to those between Tuktoyaktuk and U.S. ports in Alaska, and 92% of the 9,568 tonnes transported was containerized. The largest movement was a 26,400 tonnes shipment of grain from Churchill to Norway in 2003.

Domestic coldwater and international temperate or tropic ports

About 770,000 tonnes of cargo moved between 19 domestic coldwater ports to international temperate or tropic ports annually (Table 8). Grain products from Churchill and ore from Cornwallis Island were commodities where their combined volumes accounted for 80 to 94% of the total volumes handled (Tables 4, 10). Destinations of departing vessels included ports in 10 to 18 counties annually. Volumes of other cargo unloaded annually in Canada ranged from 7,000 to 136,000 tonnes. Petrochemicals destined for coldwater ports in eastern Canada were the primary cargo between 1997 and 2002. Deliveries for 1997, 1999 to 2002 originated from ports in the U.S., and the U.K. in 1998. The Port of Iqaluit also received cargo annually between 1997 and 2003, and exported small volumes. A 7,000 tonnes load of chemical products from Belgium to Deception Bay, QC was received in 2003.

Domestic temperate and international coldwater ports

About 325,000 tonnes of cargo moved between domestic temperate and international coldwater ports annually, 75% of this volume was imported (Table 11). Over 260 commodities were listed

among the cargo handled. Ports in the U.S., Iceland and Russia were the most active. Movements between Iceland, Greenland, Denmark and Norway generally included domestic ports along the East Coast and St. Lawrence River (Appendix 1). Movements between U.S. ports were limited to those in Alaska, while coldwater ports in Russia were widespread including Arkhangelsk in the White Sea, Murmansk in the Barents Sea, Okhotsk in the Sea of Okhotsk, and Petropavlovik in the North Pacific (Table 9).

Domestic temperate and international temperate coldwater ports

Most of the 13.5 million tonnes of cargo exchanged between domestic temperate and international temperate coldwater ports were located in Norway, while smaller volumes were exchanged with U.S. ports in Alaska (Tables 8, 9). About 97% was imported to Canada. Cargo movements in the North Pacific were limited to ports in British Columbia and Alaska, and North Atlantic to ports along the East Coast and St. Lawrence in Canada and Norway (Appendix 1). About 12.5 million tonnes of largely petrochemicals were imported from Norway, and 636,000 tonnes of wood products were imported for ports in Alaska. Ports in Norway that exported the larger volumes of cargo were not identified. Exports from Canada included 230,000 tonnes of various commodities to Norway, and 130,000 tonnes of construction materials and petrochemicals to Alaska annually.

Table 2. Total international cargo volumes exchanged with Canada, and domestic cargo handled among coldwater ports, and coldwater and temperate water ports annually between 1997 and 2003.

Movements	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave.
International								
Total x 10^6	282.6	279.4	281.2	293.8	286.8	282.7	306.6	287.7
Domestic								
Total x 10^6	93.4	96.6	104.4	109.0	107.8	125.4	136.4	110.4
Load	46.7	48.3	52.2	54.5	53.9	62.7	68.2	55.2
Unload	46.7	48.3	52.2	54.5	53.9	62.7	68.2	55.2
Cold – Cold								
Total x 10^6	69.8	211.2[a]	42.1	82.6	46.0	53.4	51.4	79.5
Cold – Temperate								
Total x 10^6	256.9	232.1	178.8	221.4	247.2[b]	179.9	393.9	244.3

[a]Includes 6 movements of 10,940 to 53,558 tonnes unknown cargo within NT. [b]Includes 42,282 tonnes in 2001, 115,897 tonnes in 2003 of nickel from Deception Bay, QC to Quebec City.

Table 3. Ports visited by (A) domestic transits within the coldwater region; (B) domestic transits between cold- and temperate water ports; (C) domestic cold- and international coldwater ports; (D) domestic cold- and international temperate coldwater ports; and (E) domestic cold- and international temperate or tropic water ports, between 1997 and 2003. Ports in eastern (E) or western (W) Arctic waters also indicated

Port/Waters	Between ports					Port/Waters	Between ports					Port/Waters	Between ports				
	A	B	C	D	E		A	B	C	D	E		A	B	C	D	E
Nunavut						Pelly Bay E	X	X	X		X	George River E	X	X			X
Arctic Bay E	X	X	X		X	Pond Inlet E	X	X	X			Great Whale River E		X			
Baker Lake E	X	X				Port Burwell E		X				Hope Advance Bay E	X	X			
Bathurst Inlet W	X					Rankin Inlet E	X	X			X	Ivujivik E	X	X			
Bay Chimo E	X					Repulse Bay E	X	X	X		X	Kangirsuk E	X	X			
Belcher Islands E	X	X	X			Resolute Bay E	X	X	X			Kuujjuaq E	X	X			
Broughton Island E	X	X	X		X	Resolution Island E		X				Kuujjuarapik E	X	X			
Cambridge Bay E	X					Spence Bay W	X					Povungnituk E	X	X			
Cape Aston E	X	X	X		X	Tanquary E	X					Quaqtaq E	X	X			
Cape Dorset E	X	X	X			Whale Cove E	X	X				Salluit E	X	X			
Cape Dyer E	X	X				Northwest Territories						Tasiujaq E	X	X			
Chesterfield Inlet E	X	X				Fort Good Hope W	X					Umiujaq E	X	X			
Coppermine W	X					Fort McPherson W	X					Wakeham Bay E	X	X			
Coral Harbour E	X	X				Hay River W	X					Manitoba					
Cornwallis Isl. E		X			X	Holman W	X					Churchill E	X	X	X	X	X
Eskimo Point E	X	X				Inuvik W	X		X			Newfoundland/Labrador					
Gjoa Haven W	X					Paulatuk W	X					Goose Bay E	X	X			X
Grisefiord E	X	X	X		X	Sachs Harbour W	X					Nain E	X	X			X
Hall Beach E	X	X	X		X	Tuktoyaktuk W	X		X	X		Port Hope Simpson E	X	X			
Igloolik E	X	X	X		X	Tulita W	X					Saglek Bay E		X			
Iqaluit E	X	X	X		X	Quebec						Ontario					
Lake Harbour E	X	X	X		X	Akulivik E	X	X			X	Fort Albany E		X			
Nanisivik E	X	X	X		X	Deception Bay E		X									
Pangnirtung E	X	X	X		X	Diana Bay E	X	X									

Table 4. Cargo moved between the Port of Churchill and domestic and international ports between 1997 and 2003. The number of ports visited noted.

Movements	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave
Domestic								
Cold – Cold								
Load[1]	18,453	28,612	≥17,461	19,883	19,989	20,873	13,088	19,623
Ports				8	7	7	6	
Unload	0	323	0	0	0	814	0	
Ports						4		
Cold – Temperate (None unloaded)								
Load	875	1,881	0	0	0	0	0	
International								
Domestic cold – International cold (None loaded)								
Unload[2]	0	16,439	14,565	0	0	16,839	0	
Ports	0	3	3	0	0	3	0	
Domestic cold – International temperate cold (None unloaded)								
Load[3]	0	0	0	0	0	0	26,400	
Ports	0	0	0	0	0	0	1	
Domestic cold – International temperate or tropic								
Load x 10^3	401.2	318.4	444.6	710.6	478.0	276.8	589.0	460.0
Ports	13	11	6	23	13	13	19	
Unload[4]	0	19,890	15,403	18,587	23,621	3318	0	
Ports	0	3	2	4	3	1	0	

[1]Petrochemical products most common commodity. [2]Petrochemicals. [3]Grain, Grain products most common commodities. [4]60% petrochemicals, 26% machinery, 14% raw materials.

Table 5. Cargo volumes moved between Port of Tuktoyaktuk and domestic and international ports between 1997 and 2003. Number of ports visited noted. Information on some years was incomplete. No movements were reported between this and domestic temperate ports.

Movements	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave
Domestic								
Cold – cold								
Load[1]	1	≥45,732	≥7,949	13,487	14,681	15,043	14,199	18,515
Ports				9	10	9	9	
Unload[1]	1	≥12,857	≥1,662	2,677	2,960	2,494	2,441	4,184
Ports				1	1	1	1	
International								
Domestic cold – International cold								
Export[2]	142	1,925	2,013	244	0	0	0	
Import[2]	340	340	1	0	0	0	0	
Domestic cold - International temperate cold								
Export[3]	2,944	5,690	781	0	0	0	0	
Import[2]	0	152	1	0	0	0	0	
Domestic cold – International temperate or tropic								
Export[1]	2,176	0	0	0	0	0	0	

[1]Petroleum products common commodities. [2]Misc. commodities. [3]Petroleum and misc commodities.

Table 6. Cargo moved between Port of Iqaluit and domestic and international ports between 1997 and 2003. The number of ports visited is indicated. Information was incomplete for some years. No movements reported to international temperate coldwater ports.

Movements	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave
Domestic								
Cold-Cold								
Load[1]	27,301	1	10,241	1,901	101	710	0	
Ports				8	7	16		
Unload[2]		1	220	34,537	190	149	282	
Ports				1	4	10	3	
Cold – Temperate								
Load[1]	147	1,429	5,492	0	2,875	474	1,541	1,710
Ports	3	3	3		4	2	1	
Unload	8,562	18,304	26,134	18,666	17,415	8,719	16,289	
Ports	3	2	3	3	3	3	2	
International								
Domestic cold – International cold								
Export[3]	0	0	0	0	0	3,697	0	
Import[3]	0	21,258	16,863	0	33,849	16,964	0	
Domestic cold – International temperate or tropic								
Export[1]	0	0	0	0	0	1,362	0	
Import[2]	28,139	33,037	6,445	21,761	7,340	30,061	0	18,112

[1]Misc. or unknown commodities. [2]Petrochemicals most common commodity, others were misc. and unknown. [3]Petroleum products.

Table 7. Domestic cargo handled between coldwater and temperate ports at Cote-Ste-Catherine, Montreal, Quebec City, Valleyfield, Halifax, St. John and Come-By-Chance. The number of coldwater ports visited in parentheses

Port	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave.
Cote-Ste-Catherine, QC								
Load[1]	39,497	27,908	23,395	35,276 (32)	32,225(≥37)	53,206(≥37)	26,164(≥35)	33,953
Unload[1]	1,997	310	579 (15)	1,015 (15)	2,415 (20)	1,711 (9)	0	1,147
Montreal, QC								
Load[2]	73,072	62,972	68,695	55,611 (15)	70,482 (15)	36,435 (13)	109,477 (29)	68,106
Unload[1]	15,361	2,513	38,830	0	0	0	0	[18,901]
Quebec City, QC								
Load[2]	13,946	5,794	6,253 (2)	11,838(1)	4,507 (2)	9,4006 (1)	23,067 (2)	10,687
Unload[3]	0	27,089	0	0	42,293 (1)	0	138.528 (1)	
Valleyfield, QC								
Load[1]	0	0	0	18,919 (17)	15,394 (29)	15,426 (32)	19,923 (30)	[17,416]
Unload[1]	0	0	0	4,234 (9)	7,171 (2)	1,496 (23)	7,415 (27)	[5,079]
Halifax, NS								
Load[2]	42,093 (1)	67,616 (1)	27,702	46,973 (1)	40,723 (1)	34,973 (1)	31,761 (2)	41,692
Unload		0	0	0	0	4,037 (7)	149 (2)	
St. John, NB								
Load[2]	42,388	34,704	30,183	37,508	3,942 (1)	9,252 (1)	3,606 (1)	23,083
Unload	0	0	0	0	0	0	0	
Come-By-Chance, NL								
Load[2]	0	0	0	3,110 (1)	18,400 (6)	13,502 (5)	0	[11,670]
Unload	0	0	0	0	0	0	0	
Total								
Load	210,996	198,994	156,228	206,125	185,673	172,199	213,993	192,030
Unload	17,358	29,358	39,409	5,249	51,879	7,244	146,092	42,370

[1]Most common cargo "general and unknown freight or cargo, <carload shipment". [2]Petroleum products most common commodities. [3]Shipments of nickel.

Table 8. Cargo moved between coldwater and temperate ports in Canada, and international ports between 1997 and 2003. Percent of cargo that was non-containerized noted. The volume of cargo exported, number of countries involved, volume of cargo imported, and number of domestic ports indicated in parenthesis.

Movements	Cargo volumes in tonnes							
	1997	1998	1999	2000	2001	2002	2003	Ave
International								
Total x10^6	282.6	279.4	281.2	296.9	286.9	282.7	306.6	287.7
Load x10^6	187.9	179.0	179.6	187.8	174.7	174.3	191.4	182.1
% of total	66	64	64	64	60	62	62	63
Unload x10^6	94.7	100.4	101.5	105.9	112.1	108.5	115.2	105.5
Domestic cold - International cold								
Export	142	1,925	2,013	244	0	3,697	0	618
Countries	1	1	2	2	0	1	0	
Import	340 (1)	65,617 (1)	32,900 (4)	58,705(13)	61,494 (12)	45,903 (8)	0	37,215
Domestic cold - International temperate cold								
Export	2,944	5,690	781	0	0	0	26,400	
Countries	1	1	1	0	0	0	1	
Import	0	152 (1)	1 (1)	0	0	0	22	
Domestic cold - International temperate or tropic								
Export [a, b]	738,567	686,127	867,740	1,032,220	839,332	628,112	594,984	769,585
Countries	10	13	13	18	11	16	11	
Import	135,639 (4)	143,729 (9)	32,877 (6)	49,709 (9)	40,315 (8)	53,019 (19)	6,986 (1)	66,039
Domestic temperate – International cold								
Total vol. x10^3	10.3	528.3	259.0	429.0	218.7	133.6	403.5	326.1
Domestic temperate – International temperate cold								
Export								
Norway x10^3	303.9	333.2	217.7	167.5	204.4	204.6	180.4	230.2
U.S. x10^3	107.8	163.7	223.7	114.0	113.9	146.1	180.6	134.3
Import								
Norway x10^3	14,979.7	12,828.4	12,947.9	13,207.5	13,449.2	10,524.1	10,534.4	12,495.9
U.S. x10^3	1,051.3	656.8	803.9	997.2	741.9	149.2	51.4	635.9

[a] 273,270 to 543,200 tonnes of grain commodities loaded annually between 1997 and 2003.

[b] 309,190 to 375,460 tonnes of lead and zinc loaded to European ports between 1997 and 1998, and 2000 and 2003

Table 9. International ports that exported or imported cargo from Canada between (A) domestic cold- and international coldwater ports; (B) domestic coldwater and temperate coldwater ports; (C) domestic temperate and international coldwater ports; and (D) domestic temperate and international temperate coldwater ports.

Country	A	B	C	D	Country	A	B	C	D
Greenland (Denmark)					Russia				
Coldwater					Coldwater				
Narsaq			X		Arkhangelsk			X	
Nuuk	X				Murmansk			X	
Thule			X		Okhotsk			X	
Not specified	X		X		Petropavlovsk			X	
Iceland					United States (AK)				
Coldwater					Coldwater				
Akureyri			X		Anchorage			X	
Dalvik			X		Barrow		X		
Grundartangi			X		Cordova			X	
Husavik			X		Dutch Harbour			X	
Isafjordur			X		Kaktovik		X		
Keflavik			X		Kenai			X	
Reykjavik			X		Kodiak			X	
Not specified			X		Point Lay			X	
Norway					Prudhoe Bay		X		
Coldwater					Seward			X	
Tromso			X		Valdez			X	
Temperate coldwater					Arctic ports		X	X	
Aalesund				X	Temperate coldwater				
Bergen				X	Juneau				X
Drammen				X	Ketchikan				X
Fredrikstad				X	Metlakayla				X
Grenland Harbour				X	Petersburg				X
Kristiansund				X	Sitka				X
Lillesand				X	Skagway				X
Odda				X	Wrangell				X
Oslo				X	Not specified	X			X
Sauda				X	Faroe Islands (Denmark)				
Stavanger				X	Coldwater				
Trondheim		X		X	Torshavn			X	
Not specified				X	Faroes (Not specified)			X	

Table 10. Cargo volumes handled at Cornwallis Island between domestic and international ports between 1997 and 2003. Number of ports and movements noted. Information was incomplete for some years. No cargo movements reported between domestic cold and international cold and temperate coldwater ports.

	Cargo volumes in tonnes						
Transits	1997	1998	1999	2000	2001	2002	2003
Domestic							
Cold – temperate							
Load	1	1	1	0	86	0	0
Ports					1		
Unload[1]	1	1	1	0	604	9	4,180
Ports					2	1	2
Cold – temperate or tropic							
Load[2]	232,430	265,241	311,137	210,675	245,514	196,365	0
Movements	3	5	6	5	8	7	0
Unload	0	521,393	10,756	0	4,038	0	0
Movements		5	1				

[1]Cargo arrived from ports in Quebec. [2]Shipments of lead and zinc to Belgium, Germany, Finland and Spain.

Table 11. Cargo volumes in tonnes transported between Canadian temperate ports and international coldwater ports between 1997 and 2003. The more common domestic and international ports are identified.

Year	Total volume	Exported / Imported	Country and volume moved between more common international and domestic ports
1997	310,318	101,366 / 208,952	U.S., 135,640 tonnes; Alaskan ports and BC ports. Iceland, 115,917 tonnes. Reykjavik and Argentia, Shelburne. Russia, 43,944 tonnes; Murmansk, Okhotsk and Atlantic and Pacific ports. Greenland, 8,831 tonnes, Greenland ports and Come-By-Chance, Harbour Grace. Norway, 4,235 tonnes, Tromso and Port Hawksbury, Argentia. Denmark, 1,751 tonnes, Faroe Islands and Corner Brook, Harbour Grace.
1998	528,295	93,791 / 434,504	U.S., 412,955 tonnes, Alaskan ports and BC ports. Iceland, 84,211 tonnes, Reykjavik and Argentia, Shelburne. Russia, 26,188 tonnes, Murmansk, Okhotsk and Bayside, Vancouver. Denmark, 3,224 tonnes. Faroe Islands and Bay Roberts, Corner Brook. Norway, 1,479 tonnes, Tromso and Yarmouth. Greenland, 238 tonnes, Thule and Cote-Ste-Catherine
1999	258,952	42,707 / 216,245	U.S., 161,489 tonnes, Alaskan ports and BC ports. Russia, 16,812 tonnes, Murmansk, Okhotsk and Bay Roberts, Bayside. Iceland, 68,280 tonnes, Reykjavik and Shelburne, Argentia. Greenland, 8,609 tonnes, Thule and Bayside, Cote-Ste-Catherine. Denmark, 2,464 tonnes, Faroe Islands and Bay Roberts. Norway, 1,298 tonnes, Tromso and Yarmouth, Harbour Grace
2000	428,977	64,113 / 364,864	Russia, 337,235 tonnes, Murmansk and Montreal, Vancouver. Iceland, 82,752 tonnes, Reykjavik and Shelburne, St. John's. U.S., 6,041 tonnes, Alaskan ports and Prince Rupert, St. John. Denmark, 2,427 tonnes, Faroe Islands and Bay Roberts, Argentia. Norway, 522 tonnes, Tromso and Harbour Grace
2001	218,729	107,720 / 111,009	Russia, 93,832 tonnes, Murmansk and Montreal. U.S., 66,990 tonnes, Alaskan ports and BC ports. Iceland, 55,476 tonnes, Reykjavik and Shelburne, St. John's, Argentia. Denmark, 1,339 tonnes, Faroe Islands and Bay Roberts. Greenland, 996 tonnes, Greenland ports and Cote-Ste-Catherine. Norway, 96 tonnes, Norway ports and Vancouver.
2002	133,590	54,182 / 79,408	Iceland, 53,688 tonnes, Reykjavik and Shelburne, Argentia. Russia, 45,391 tonnes, Murmansk, Arkhangelsk and Montreal. U.S., 33,502 tonnes, Alaskan ports and BC ports. Greenland, 1,009 tonnes, Greenland ports and Shelburne, Cote-Ste-Catherine
2003	403,512	92,755 / 310,757	Russia, 283,955 tonnes, Murmansk and Montreal, Halifax, Come-By-Chance. Iceland, 100,503 tonnes, Reykjavik and Shelburne, Argentia. U.S., 17,423 tonnes, Alaskan ports and BC ports. Greenland, 1,631 tonnes, Greenland ports and Shelburne, Argentia.
Ave.	326,053	326,053	

PORTS ALONG SCHEDULED ROUTES

Data source

Northern communities rely on vessel deliveries of liquid and dry bulk commodities to meet most of their annual needs. A Sealift program is organized by multi-agency groups and marine transportation companies whose late summer and fall sailing schedules include many communities across northern Canada.

Data screening and analyses

2006 Sealift shipping schedules from three larger companies were used to identify coldwater ports where cargo could be delivered. The companies include North Eastern Arctic Shipping Inc. (NEAS) with regional offices are located in Iqaluit, NU and Yellowknife; Desgagnes Transarctic Inc, (DTI) in Quebec City; and Northern Transportation Company Ltd. (NTC) based in Hay River, NT, and Halifax, NS. Other companies such as Moosonee Transport, in Moosonee, ON were not included because their shipping schedules were not available.

There were 75 Canadian coldwater ports or stops in the coldwater region listed by these companies that included 52 located in eastern Arctic and 23 in the western Arctic waters (Table 12). NEAS listed 32 ports primarily in Nunavut and northern Quebec, DTI 45 ports in Nunavut and Quebec, and NTC 32 ports in Nunavut and Northwest Territories. Fifty Sealift ports listed were among 65 domestic coldwater ports listed for Statistics Canada (Table 3). This agreement is expected because both data bases are associated with cargo transport. The Statistics Canada list also included 5 the 9 Sealift ports located in freshwater along the Mackenzie River and Great Slave Lake.

Sealift routes also included ports in western Greenland and northern Alaska located near ports in eastern Nunavut and western Northwest Territories. DTI also listed the ports of Qeqertasuaq, Uummannaq, Upernavik, Nuuk and Thule, the last two were listed by Statistics Canada. NTC can also provide service to ports along the north slope of Alaska if requested including Demarcation Bay, Beechey Point, Colville River, Barrow, Kaktovik and Prudhoe Bay, the last three were listed by Statistics Canada.

Table 12. Ports listed on the 2006 sailing schedules of 3 marine transport companies associated with the Sealift program. Companies include (A) North Eastern Arctic Shipping Inc., (B) Desgagnes Transarctik Inc., and (C) Northern Transportation Co. Ltd. Names in italics were not included in the list of ports visited by vessels between 1997 and 2003 reported by Statistics Canada. Location of ports in eastern (E) or western (W) Arctic waters also indicated.

Port / Water	Company			Port / Water	Company			Port / Water	Company		
	A	B	C		A	B	C		A	B	C
Nunavut				Pelly Bay E	X			Yellowknife W			X
Arctic Bay E	X	X		Pond Inlet E	X	X		Quebec			
Baker Lake E		X	X	Rankin Inlet E	X		X	Akulivik E	X	X	
Bathurst Inlet W			X	Repulse Bay E	X	X		*Aupaluk E*	X		
Belcher Islands E		X	X	Resolute Bay E	X	X		*Chisasibi E*		X	
Brevoort Island E		X		Resolution Island E	X	X		Deception Bay E		X	
Broughton Island E	X	X		*Rooney Island E*		X		Inukjuak E	X	X	
Cambridge Bay E			X	Spence Bay W			X	Ivujivik E	X	X	
Cape Dorset E	X	X		Whale Cove E		X	X	*Kangiqsualujjuaq E*	X	X	
Cape Dyer E		X		Northwest Territories				Kangirsuk E	X	X	
Cape Hooper E	X			*Aklavik W*			X	Kuujjuaq E	X	X	
Chesterfield Inlet E		X	X	Arctic Red River W			X	Kuujjuarapik E	X	X	
Clyde River E	X	X		*Atkinson Point W*			X	*Puvirnituq E*		X	
Coppemine W			X	*De Salis Bay W*			X	Quaqtaq E	X	X	
Coral Harbour E		X	X	Fort Good Hope W			X	Salluit E	X	X	
Ekalugad E	X			Fort McPherson W			X	*Taqpangajuq E*		X	
Eskimo Point E		X	X	*Fort Simpson W*			X	Tasiujaq E	X	X	
Gjoa Haven W			X	Hay River W			X	Umiujaq E	X	X	
Grisefiord E	X	X		Holman W			X	Wakeham Bay E	X	X	
Hall Beach E	X	X		Inuvik W			X	Manitoba			
Igloolik E	X	X		*Jesse Bay W*			X	Churchill E			X
Iqaluit E	X	X		*Johnson Point W*			X	Yukon Territory			
Lake Harbour E	X	X		*Norman Wells W*			X	*Hetschel Island W*			X
Lit. Cornwallis Isl. E		X		Paulatuk W			X	Newfoundland (Labrador)			
Long Staff Bluff E		X		Sachs Harbour W			X	Nain E		X	
Nanisivik E	X	X		Tuktoyaktut W			X	Saglek Bay E		X	
Pangnirtung E	X	X		Tulita W			X	*Voisey's Bay E*		X	

VESSEL VISITS TO PORTS

Data source

The Canadian Coast Guard, Information System on Marine Navigation (INNAV), Quebec City, QC, has been monitoring vessel transits in Canadian waters. Information provided included visits to ports in Nunavut, Northwest Territories, Yukon Territory and Labrador. This program appeared to monitor all vessels that entered a port regardless of size.

Data screening and analyses

Information provided included the vessel name, country of registry, port visited, and date and time of arrival and departure. No information was included on cargo movements, purpose of the visit, or vessel size. Visits in 2002, 2003 and 2004 generally began in mid-June and declined after late November, while visit in 2005 were only reported up to early September. Entries were screened to determine the number of visits by all vessels to each port annually that included well established ports as well as stops to remote locations. Vessel names included oil and chemical tankers, dry bulk carriers, general cargo vessels, passenger vessels and Government of Canada vessels.

There were 690, 864, 945 and 510 entries between 2002 and 2005 that included 2,492 by vessels of domestic registry and 508 of foreign registry (Appendix 4). Registration will not indicate where the transit originated from although vessels arriving from other countries are prohibited by maritime regulations from loading and unloading domestic cargo in Canada on the same trip. The number of visits over this period ranged from 1 to 276 among the 160 vessels listed. These included 11 vessels that made 1,700 visits, their sequence of ports visited, and arrival and departure dates would indicate they were on a scheduled route.

There were 161 ports and stops listed that included 55 ports included in the Statistics Canada data base (Table 13). This difference would suggest the visits recorded by the Coast Guard were not always associated with cargo movements. These included ports not listed by Statistics Canada such as Black Tickle and Voisey Bay that received over 100 visits each over 4 years. Visits to other ports were higher than those reported by Statistics Canada. 2002 and 2003 were the only years common to both data bases. Statistics Canada reported 8 cargo movements at Nain, 21 at Goose Bay and none at Cartwright, while INNAV reported 109 visits to Nain and 169 to Goose Bay, and 138 at Cartwright. While there were differences in visits to ports in Labrador, there was good agreement among the established ports in Nunavut, northern Quebec and Northwest Territories.

Table 13. Number of visits to ports and stops in the coldwater region annually by vessels between 2002 and 2005 reported by the Canadian Coast Guard. Ports in Greenland identified by an asterisk. Names in italics were not included in the list of ports visited by vessels between 1997 and 2003 reported by Statistics Canada.

Port/Stop	Year					Port/Stop	Year				
	2002	2003	2004	2005	Total		2002	2003	2004	2005	Total
Akpatok Island	1	1	5	0	7	*Clyde River*	5	3	5	3	16
Akulivik, QC	5	4	6	5	20	*Coburg Island*	0	2	5	1	8
Alexandra Fiord	0	1	2	1	4	Coppermine,NU	0	4	0	2	6
Anaktalik Bay Har.	2	3	4	0	9	Coral Harbour,NU	5	7	6	5	23
Arctic Bay, NU	4	4	7	0	15	*Croker Bay*	0	0	4	5	9
Aupaluk, QC	5	6	7	4	22	*Cunningham Inlet*	0	0	0	1	1
Baker Lake, N	3	4	8	4	19	*Davis Inlet, NL*	8	1	0	2	11
Bathurst Inlet, NU	0	1	0	0	1	Deception Bay, QC	14	10	9	5	38
Bay Chimo, NU	0	1	0	0	1	Diana Bay, QC	0	2	0	5	7
Belcher Islands,NU	4	4	4	2	14	*Dobbin Bay, NT*	0	1	1	0	2
Bellot Strait, NU	0	1	0	0	1	*Douglas Harbour QC*	0	0	2	2	4
Bernard Harbour	0	0	1	0	1	*Drum Island*	0	0	1	0	1
Black Tickle, NL	11	34	40	24	109	*Dundas Harbour, NU*	2	6	10	7	25
Breevoort, NU	2	1	1	1	5	*Erebus Bay/Beechey Isl.*	1	6	9	9	25
Brewer Bay	0	1	0	1	2	*Erik Cove*	2	2	4	0	8
Broughton Isl, NU	4	6	5	2	17	Eskimo Point, NU	6	6	6	4	22
Buchan Gulf	0	0	0	1	1	*Eureka, NU*	0	2	2	1	5
Butterfly Bay	0	0	0	1	1	Fort Chimo, QC	13	10	12	6	41
Cambridge Bay, NU	7	8	12	3	30	*Fort Ross, NU*	0	0	0	1	1
Cape Dorset, NU	11	8	8	7	34	*Fox Harbour, NL*	12	14	10	3	39
Cape Dyer, NT	2	1	5	7	15	*Franklin Bay*	0	1	0	0	1
Cape Graham Moore, NU	0	0	1	3	4	George River, QC	8	5	6	3	22
Cape Hay	0	2	3	1	6	Gjoa Haven, NU	1	2	2	0	5
Cape Hooper, NU	1	0	1	1	3	*Gladman Point Harb.*	0	0	1	0	1
Cape Mercy	0	0	1	2	3	*Godhavn**	0	1	0	0	1
Cape Parry, NT	2	4	0	0	6	Goose Bay, NL	82	87	71	49	289
Cape Peel	0	0	1	0	1	Gr.Whale River, QC	5	5	5	3	18
Cape Young	0	0	1	0	1	*Griffin Inlet*	0	1	2	1	4
Cartwright, NL	31	107	104	48	290	*Grinnel Glacier*	0	1	2	1	4

Charlottetown Lab. Harb.	7	6	33	17	63
Chesterfield Inlet, NU	5	10	7	2	24
Churchill, MB	26	32	31	5	94
Clinton Point	0	1	0	0	1
Herschel Island, YT	0	5	1	3	9
High Bluff Island Harb.	0	1	0	0	1
Holman, NT	2	3	0	2	7
Hopedale, NL	9	7	5	6	27
Igloolik, NU	4	3	5	3	15
Port Harrison, QC	6	6	7	3	22
Inuvik Harbour	0	0	1	1	2
Iqaluit, NU	30	36	26	20	112
Isabella Bay	0	1	2	1	4
Ivujivik, QC	6	8	6	3	23
Jenny Lind Island	0	1	0	0	1
Johansen Bay	1	3	7	3	14
Kangirsuk, QC	7	9	6	3	25
Kangok Fjord	0	0	1	0	1
Kekerten Island	0	2	0	0	2
Killinek	0	1	1	3	5
Koluktoo Bay	0	0	1	0	1
Labrador Bank, NL	1	2	0	0	3
Lady Franklin Point, NT	0	1	2	0	3
Lake Harbour, NU	6	8	9	4	27
Little Cornwallis Isl., NU	6	2	1	0	9
Loks Land, NU	0	1	0	1	
Longstaff Bluff	1	2	2	1	6
Low Point	0	1	2	2	5
Lower Savage Land	0	0	1	0	1
Makkovik, NL	8	11	12	6	37
Marble Island	0	2	0	0	2
Mary's Harbour, NL	13	10	11	2	36
Maxwell Bay	0	1	1	1	3
Milne Inlet	0	0	1	1	2
Monumental Island port	0	2	2	3	7
Nain, NL	55	54	66	37	212
Grisefiord, NU	3	3	4	3	13
Hall Beach, NU	4	7	7	5	23
Hebron Harbour	0	0	0	1	1
Henley Harbour	0	1	0	0	1
Okak Harbour	0	0	0	3	3
Packs Harbour	0	0	1	0	1
Pangnirtung, NU	13	12	11	10	46
Paulatuk, NU	0	1	0	1	2
Pelly Bay, NU	0	0	2	0	2
Philpots island, NU	0	0	1	0	1
Pim Island	0	1	2	0	3
PIN DA1	0	0	1	0	1
Pinsents Arm Harbour	1	2	0	0	3
Polar Bear Pass	0	0	1	0	1
Pond Inlet, NU	7	9	11	8	35
Port Burwell, NU	0	1	1	1	3
Pt. Hope Simpson, NL	18	14	9	8	49
Postville, NL	12	8	4	2	26
Pr. Leopold Isl., NU	4	1	4	5	14
Pritzler Harbour	0	0	1	1	2
Puvirnituq	10	9	8	6	33
Quaqtaq, QC	11	5	6	4	26
Radstock Bay	1	1	2	2	6
Rankin Inlet, NU	15	12	16	4	47
Repulse Bay, NU	5	7	6	1	19
Resolute, NU	11	8	11	13	43
Resolution Island, NU	10	6	6	1	23
Rigolet, NL	9	7	7	1	24
Robert's Bay	0	1	1	0	2
Ross Point	0	1	0	0	1
Rowley Island, NU	1	0	0	0	1
Sachs Harbour, NT	1	1	1	1	4
Saglek Bay, NL	2	14	16	1	33
Salluit, QC	8	9	9	3	29
Sango Bay Harbour	4	10	5	5	24
Scott Inlet	0	0	0	2	2

Navisivik, NU	18	7	5	3	33
Navy Board Inlet, NU	0	0	1	0	1
Needle Cove	0	1	1	1	3
Nicholson Point	0	1	0	0	1
Nordreg	2	0	0	0	2
Norman Bay Harbour	5	4	2	1	12
Norwegian Bay	0	0	1	0	1
Nottingham Isl. Harb. NU	0	1	0	0	1
*Nuuk/Godthaab**	2	4	2	0	8
Taloyoak/Spence Bay, NU	1	1	1	0	3
Tanquary Fiord, NU	0	1	1	1	3
Tasiujaq, QC	7	6	5	3	21
*Thule Air Base**	0	1	0	1	2
*Thule/Qanaq**	2	0	1	2	5
Tuktoyaktuk, NT	13	12	10	4	39
Umiujak	5	5	5	2	17
*Uummannaq**	2	1	1	0	4
Shaftesbury Inlet Harb.	0	1	0	0	1
Shepherd Bay	0	0	1	0	1
Smoking Hills	0	0	1	0	1
Sondre Stromfjord	0	0	1	0	1
S. abrador Bank	8	1	7	9	25
Sugluk Island Harb.	0	0	1	0	1
Summers Harbour	0	0	1	0	1
Voisey Bay, NL	11	35	70	12	128
Wakeham Bay, QC	7	9	10	7	33
Walrus Island	0	1	0	0	1
Wemindji New Post	0	0	1	0	1
Whale Cove, NU	2	5	5	2	14
Williams Harbour	3	3	3	1	10
Wise Bay	0	1	1	0	2
Annual visits	690	864	945	510	
Total visits					3,009

INTRODUCING EXOTIC SPECIES TO THE CANADIAN COLDWATER REGION

International introductions

The probability of introducing coldwater tolerant species to Canadian waters by vessel transport should be low because of the low frequency of the cargo and vessel movements from international coldwater ports of concern indicated between 1997 and 2006. There were 134 movements reported by Statistics Canada that included 118 with Greenland and 16 with Alaska. Nuuk was the only port identified in Greenland, and Barrow the most distant port in Alaska, both are located within 600 km of Canada. A shipment of grain from Churchill, MB to Norway would be of concern because the vessel likely entered Canadian waters carrying ballast. No information about the history of the ballast carried was available to assess risk. Species that are first introduced to waters along the west coast of Greenland and the north coast of Alaska would have a higher probability of being introduced to Canadian waters by natural and vessel related means. The East and West Greenland Currents and the nearshore Beaufort Shelf and moderate currents along the Beaufort Shelf could carry organisms into Canadian waters by current transport. Vessel transits between these points and Canadian ports will increase because domestic vessels movements.

A change in shipping pattern was indicated between 1997 and 2003 when cargo movements between domestic and international coldwater ports. Cargo from domestic ports were transported to domestic temperate ports that were generally located in along the St. Lawrence River before being sent to international ports. Excluding bulk cargo and Sealift transits, this could further reduce the number of vessels that would enter the coldwater region that originated from overseas coldwater ports. Probability of vessel related introductions of coldwater species between the Arctic and Antarctic waters would be low because the transit time to move between two polar regions, and thermal gradients organisms will encounter when vessels pass through temperate and tropic waters.

Movements between Canadian coldwater and international temperate and tropic ports were more frequent, however the survival rate for species adapted to warmer waters introduced to a coldwater environment would be low. Survival of coldwater species carried by vessels leaving domestic ports discharged in temperate and tropic ports would also be low. Transits between coldwater and temperate or tropic ports would take longer, and survival rate of organisms in ballast tanks tend to decrease with the duration of the transit because of poor environmental conditions in the tanks. Large volumes of bulk cargo moved between (Little) Cornwallis Islands and ports in Belgium, Germany, Finland and Spain between 1997 and 2002. Incoming vessels were probably carrying large volumes of ballast although it could not be determined from where these vessels arrived.

Most of the cargo movements between Canadian coldwater ports and international temperate and tropic ports were petrochemicals imported by the Sealift program and grain exported from the Port of Churchill. Petrochemicals were the most common cargo transported by the Sealift program that originated from sources (Appendix 1). Deliveries in 1997 arrived from Louisiana, 1998 from the U.K., 2000 and 2001 from Texas, and 2002 from Texas and New Jersey. Risks from vessels importing petrochemicals should be low based on the small volumes of ballast carried and ports from where these transits originated. Risks for vessels exporting grain could be low to high, depending on a number of variables that are discussed below.

Range expansion within the coldwater region

Vessel related range expansion of an established exotic species is highly probable because of frequent domestic transits. Recent cargo transit patterns would suggest range expansion should be rapid within the eastern and western Arctic waters. A total of 209,600 tonnes of cargo was handled in 2002 and 2003 in both regions, 67% was handled within the eastern and 33% within the western region. There were no movements between ports in the eastern and western regions (Appendix 1). Range expansion in the eastern region should also occur more rapidly because of the number of coldwater ports. There were 64 domestic ports listed by Statistics Canada that included 51 located in the eastern Arctic and 12 in western Arctic waters (Table 3). The Sealift program included 75 ports or stops that included 52 in the eastern Arctic and 23 in the western Arctic including 9 located along the Mackenzie River area. The Canadian Coast Guard also listed ports in Labrador that were not included in the Statistics Canada data base.

Domestic temperate and coldwater regions

Transport and introduction of cold tolerant species outside the cold and temperate coldwater regions is difficult to evaluate because many biological and environmental variables that will influence survival during transport. The probability of introducing species from temperate to coldwater ports is low to moderate depending on how late in the season vessels from temperate ports leave for coldwater ports, and the response by exotic coldwater species being introduced to temperate ports as seasonal water temperatures decline.

Ports of Montreal, Quebec City, Cote-Ste-Catherine and Valleyfield serve as important links for domestic cargo movements to and from the coldwater region. Surface water temperatures between Quebec City and the Gulf of St. Lawrence vary from 18° to 12° C between August and September may be lethal to cold tolerant species, but those introduced in October and November could survive when water temperatures fall below 7° C (Environment Canada 2007). Ports of Montreal and Quebec City are open for navigation year round that would increase the probability of cold tolerant species to be introduced between late fall and early spring, however survival of species introduced from the coldwater region is low because both ports are located in the freshwater reach of the St. Lawrence River (Strain 1988, Seaway Review 1995). Ports along the Atlantic coast would be more difficult to assess because species introduced between late fall and early spring may be subsequently transported to coldwater ports along the coast of Labrador, while those introduced during warmer periods may not..

Domestic temperate and international temperate coldwater regions

It would be difficult to assess the probability of species from temperate coldwater ports in Europe to be introduced to domestic temperate ports along the Atlantic coast because of the differences in water temperatures and salinities noted above. Larger ports like St. John's, NL are open to navigation throughout the year are located close to the temperate coldwater zone and the East Greenland Current. Statistics Canada data base also indicated recent international cargo movements between domestic coldwater ports are handled by ports along the St. Lawrence River.

AREAS OF HIGHER RISK

Churchill

The Port of Churchill area and waters along lower Hudson Strait have a higher probability for exotic species introductions because of large volumes of ballast discharged near or in this port by incoming overseas vessels. This port is located in the estuary of the Churchill River estuary where salinity range from zero to 26.6 ‰, temperatures vary seasonally, and habitats from open waters to wetlands (North/South Consultants Inc. 2006). Churchill handled 53% of the 879,000 tonnes of cargo moved annually between domestic coldwater ports and all international ports annually (Table 8). It was the only coldwater port in the Statistics Canada data base that handled cargo from domestic cold- and temperate water ports, and international cold-, temperate cold-, and temperate and tropic water ports. The importance of this port will continue in the future because it is the only northern port linked by rail to Winnipeg and the North American rail system. This port has been exporting grain since 1931, and is a more economical route to ship grain to ports in Europe and Africa than the Great Lakes route although volumes handled are lower due to the 3 to 4 months navigation season (Niimi 2004).

Movements of overseas vessels that enter Churchill can be examined by identifying the ports of departure or port of origin listed in the Statistics Canada data base. Geographic locations of these ports were related the sub-ocean fishing areas developed by the Food and Agriculture Organization of the United Nations that are based on ocean temperatures www.fao.org (accessed 15 March, 2007). All ports listed were located in 10 of the 19 FAO regions that included Area 27 (Northeast Atlantic), Area 21 (Northwest Atlantic), Area 87 (Southeast Pacific), Area 47 (Southeast Atlantic), Area 41 (Southwest Atlantic), Area 51 (Western Indian Ocean), Area 77 (Eastern central Pacific), Area 34 (Eastern central Atlantic), Area 31 (Western central Atlantic), and Area 37 (Mediterranean and Black Sea). These areas are listed from colder to warmer waters. Northern waters in parts of Areas 27 and 21 are within the coldwater and temperate coldwater regions were also identified. There were 108 movements that exported from, and 22 that imported cargo to Churchill between 1997 and 2003 (Table 14). Most of the grain cargo exported was destined for ports in warmer waters. Nine movements of petrochemicals were imported from Greenland ports in the coldwater portion Area 21. One movement of grain was imported from Norway located in the temperate coldwater region of Area 27. Other cargo from Churchill were exported or imported to ports in Areas 27 and 21 were located in the temperate region. This data base identified the destinations of outgoing vessels, but not where they originated from that could have indicated if coldwater tolerant species may be found in the ballast they carried.

Other studies on vessel transits to Churchill reported additional information about the vessels. A study that focused on grain exported in 2000 reported all 26 transits arrived in ballast, and 16 originated from Area 27 that included two vessels arriving from Scandinavia (Niimi 2004). Another study reported 101 domestic and overseas vessels entered the Churchill between 1999 and 2003, 5 left from ports in Greenland and Iceland, and 16 from North Sea ports (North/South Consultants Inc. 2006). The Churchill River drainage also contains a number of exotic species that could survive in the Hudson Bay waters. Range expansion of these species into Hudson through this and other large rivers is another means for exotic species to become established in the region.

Table 14. Number of annual movements between the Port of Churchill and international ports in FAO areas. Movements within the coldwater (CW) and temperate coldwater (TC) subzones of Areas 27 and 21 noted. Asterisks indicate all cargo moved were grain products.

	Number of movements							
FAO Area	1997	1998	1999	2000	2001	2002	2003	Total
Cargo exported								
27	0	0	3*	6 (1*)	5*	1*	3*	18
27 TC	0	0	0	0	0	0	1*	1
21	0	0	0	0	0	1	0	1
87	0	0	0	0	0	1*	0	1
47	0	0	0	2*	0	0	0	2
41	4*	0	1*	1*	0	1*	2*	9
51	3 (2*)	2*	1*	2*	1*	1*	2*	12
77	0	0	1*	0	0	0	0	1
34	2*	4*	0	3*	5*	7*	3*	24
31	3*	5*	4*	5*	1*	1*	1*	20
37	1*	0	6*	4 (3*)	1*	0	7*	19
No. of movements	13	11	16	23	13	13	19	108
Cargo imported								
27	0	1	0	1	0	0	0	2
21 CW	0	3	3	0	0	0	3	9
41	0	1	0	0	0	0	0	1
31	0	1	2	3	3	1	0	10
No. of movements	0	6	5	4	3	1	3	22
Total movements	13	17	21	16	14	22	22	130

Lower Hudson Strait

Waters in lower Hudson Strait along the northeastern coast of Quebec also have a higher probability for species introduction due to ballast water exchange. Incoming overseas vessels with ballast destined for Hudson Bay ports like Churchill that did not complete an exchange before entering Canadian waters are required to do so in the alternate ballast exchange area in lower Hudson Strait before entering Hudson Bay. Ballast discharged in this area should flow southwest along the coast of Quebec into Ungava Bay before moving east into the Labrador Sea (Niimi 2004).

Prince Rupert

Prince Rupert, BC is located within 70 km of the coastline of Alaska. The probability of coldwater tolerant species introduced to this port could be a concern because of its proximity to Alaskan waters. This deepwater port is operational year-round and handled 7 million tonnes of cargo annually between 1997 and 2003 (Table 15). Most vessels entered this port with ballast because 98% of the cargo handled was exported. Annual cargo movements included transits between 22 to 33 countries, and visits to at least 12 to 43 ports. This port has the infrastructure to handle large volume of bulk materials available in western Canada because it is the western terminus for Canadian National Railway. Any exotic species introduced at this port would have an increased probability of expanding its range in Alaskan and western Arctic waters in Canada.

There were no domestic ports in the western Arctic that received cargo imported from overseas ports reported by Statistics Canada between 1997 and 2003. Only international cargo movements reported were between Tuktoyatuk and Inuvik and U.S. ports in Alaska. It may be unlikely that Tuktoyaktuk would be able to handle cargo volumes comparable to Prince Rupert because navigation is seasonal and access is by sea, air and ice roads during winter.

Table 15. Cargo volumes loaded and unloaded at the Port of Prince Rupert from other countries between 1997 and 2003. Number of cold and temperate coldwater ports visited noted. No containerized cargo was handled.

	Cargo volumes in tonnes						
	1997	1998	1999	2000	2001	2002	2003
Loaded – $x10^6$	12.407	8.315	7.448	6.920	4.488	4.298	3.942
Unloaded	104,855	142,217	118,746	233,569	187,423	93,799	23,846
Movements	128	101	93	84	77	55	50
Countries	33	28	33	27	25	23	22
Ports[1]	14	16	13	13	17	9	12

[1]All U.S. ports in Alaska

BALLAST WATER ISSUES

Ballast water exchange has been the only measure used to reduce the risk of vessel related exotic species introduction because uptake and discharge is part of its routine operation. This practice is based on the premise that many introduced species are associated with the coastal habitat, therefore an offshore exchange would replaced with pelagic species who probability to survive in the nearshore environment is lower. A voluntary exchange program was initiated in Canada in 1989 for overseas vessels entering the Great Lakes (IJC and GLFC 1990). Exchange became mandatory for all vessels entering Canadian waters in 2000 when the "Guidelines for the Control of Ballast Waters from Ships in Waters under Canadian Jurisdiction" (TDE13617E) was issued by Transport Canada. Port authorities in Vancouver required mandatory exchange in 1997, and other ports along the Pacific and Atlantic coasts also required the same before it was applied nationally (Vasarhelyi et al. 2004).

The effectiveness of an exchange program is influenced by the percentage of water exchanged, location where exchange is made, and other issues. Vessels that conduct the required exchange ballast are considered in compliance from a regulatory perspective, however there are limitations when vessels carry low volumes of ballast. Vessels with residual ballast who report their status as no ballast on board (NOBOBs) are considered in compliance. These small volumes have been identified as a means for continuing introductions of exotic species to the Great Lakes even after exchange was mandatory (Colautti et al. 2003; Niimi and Reid 2003). Other vessels with small volumes of ballast that could be exchanged, but is not, will report their status as NOBOBs. Surveys indicated 390 overseas vessels that entered the St. Lawrence Seaway in 1990 were in compliance even though 213 were "without ballast water" (Locke et al. 1991). Another study on 24,600 foreign vessels entering U.S. reported 50% of the tanks on board had ballast and 50% did not (Ruiz et al. 2001). Further examination indicated 87% had (some) ballast and 13% were NOBOBs. A review of 1,200 ballast water reports to determine why exchange was not made indicated 7% expressed concerns with ship safety or design, 15% concluded ballast was clean, and 54% were undecipherable or other.

Other options to treat ballast as water is taken onboard or discharged has been under development for over a decade with limited success. Treatments based on mechanical (ultra-filtration), physical (ultraviolet radiation) and chemical (biocide) processes can be effective in dealing with larger organisms. Issues such as percent effectiveness based on size (e.g., organisms greater than 50 microns in size) and target groups are being examined. These measures would be more effective in reducing the risk of species introductions because the goal is to eliminate organisms in the water column rather than replacing an array of species with another.

All vessels destined for Canada arriving from outside the 200 nautical miles (370 km) Exclusive Economic Zone (EEZ) are required to complete a ballast exchange in waters over 2,000 m deep before entering the zone. Meeting this requirement may not be possible when open ocean conditions are not safe. Ballast water systems on most vessels use a single pipe to fill and empty a tank. Newer vessels may have two or more pipes that allow a flow-through exchange. Regulations recommend the volume pumped through should be three times the amount in each

tank to achieve a 95% volumetric exchange (Government of Canada 2005). A vessel in transit can take 24 to >48 h to complete an exchange and travel 400 to 800 km during the process (Brickman et al. 2004; Levings et al. 2004).

ALTERNATE EXCHANGE ZONES

Incoming vessels that cannot safely conduct an exchange before entering the Canadian EEZ can use an alternate exchange zone that is located in a more sheltered area. These zones should be at least 50 nautical miles (93 km) offshore in waters over 500 m deep, although areas closer to shore may be considered if there are safety concerns (Government of Canada 2005). Location of a zone is selected on their proximity to shipping routes, and avoidance of navigation hazards in the area from an operational perspective. Other criteria are now applied to protect the aquatic environment include identifying habitats that are important during the life cycle of species found in the area, direction the discharged ballast would move, and ensuring the integrity of marine protected areas located nearby. There are currently 5 alternate exchange zones in Canadian waters.

Atlantic, St. Lawrence and Pacific waters

Vessels destined for ports along the lower Atlantic coast use the alternate exchange zone off Nova Scotia (Brickman et al. 2004). This zone meets the criteria for vessels using an east-west route, an additional area was identified for vessels moving north-south that may include exchange in waters less than 500 m deep. Vessels destined for St. Lawrence River and Great Lakes ports use the zone in the Gulf of St. Lawrence (Simard and Hardy 2004). The probability of introducing temperate water tolerant species in this zone is a concern because biomonitoring studies reported non-native species representing many taxa were found in ballast of incoming vessels, and extensive shallow water habitats are found along the coast (Gosselin et al. 1995; Harvey et al. 1999). Another alternate exchange zone in Newfoundland waters is under study. Vessels destined for Pacific coast ports use the zone off British Columbia (Levings and Foreman 2004). This zone generally meets the 50 nautical miles and 500 m depth criteria, and identifies a navigation hazard and an area important to fisheries.

Eastern Arctic waters

Two alternate exchange zones in the Arctic are available for vessels arriving from North Atlantic waters. One is located in lower Hudson Strait for vessels destined for ports in Hudson Bay, and the other near the eastern entrance to Lancaster Sound for ports at higher latitudes (Government of Canada 2005). Criteria to select these locations were not available for review although current direction would be a factor. Vessels entering Hudson Strait are required to complete their exchange before crossing 70° West longitude. The probability of introducing a coldwater tolerant species at this zone could be high due to the frequency of visits to the Port of Churchill. Vessels destined for high Arctic ports through Lancaster Sound and Parry Channel should complete their exchange in Baffin Bay before crossing 80° West longitude. The probability of introducing species in this area has been is low because for few vessels use this route annually. Probability could be high because of occasional visits by vessels that transport bulk cargo from Cornwallis Island to ports in Europe. Vessels destined to pick up this cargo probably entered Canadian waters with ballast. No information was available on where these vessels arrived from or the history of the ballast they carried.

Seasonal access to high Arctic ports is determined by surface ice in northern Baffin Bay and Lancaster Sound. Ice cover in eastern Parry Channel extended to the entrance of Lancaster Sound in 1978 but only to the entrance to Peel Sound in 1976 (DIAND 1982). Ice covers almost the entire length of Baffin Bay in March, but is almost usually ice free in September (Tang et al. 2004). Surface water temperatures (0 to 100 m) in August range from –1° to 1° C in the northern section of Baffin Bay. Surveys in Davis Strait between early September and mid-October in 1965 indicated surface temperatures along the east coast of Baffin Island were 5° C colder than along the west coast of Greenland.

Western Arctic waters

No alternate exchange zone has been identified for overseas vessels destined for western Arctic ports from the North Pacific through the Chukchi Sea. This study indicated international cargo movements to domestic ports in western Arctic waters were limited to U.S. vessels from Alaskan waters. U.S. ballast water regulations are similar to Canada that require all vessels that enter from outside the 200 nautical mile EEZ to conduct an exchange in waters over 2,000 m in depth (U.S. Coast Guard under Federal Regulation 33-CFR Part 151). Vessels moving between Canadian and U.S. coastal waters within the EEZ would not be required to exchange ballast.

It could be difficult to identify an alternate exchange zone in the western Arctic based of Transport Canada's recommendation of location 50 nautical miles (93 km) offshore in depths exceeding 500 m. Ice cover and shallow depth could limit where an exchange zone might be proposed. Current conditions indicate pack ice extends south to within 250 km of shoreline at Point Barrow, AK, 200 km at the Canada - U.S. border, 300 km at Tuktoyaktuk, and 50 km from the northwest tip of Banks Island (National geographic 1999). The southern limit of pack ice can vary 50 to 100 km from shore due to differences in annual temperatures (DIAND 1971, Markham 1981). Ice cover in waters between pack ice and the northwest coast of Canada will also vary with annual temperatures. These waters could have 70 to 90% ice cover during colder than usual, and less than 20% cover during warmer than usual summers (DIAND 1971). Location of the pack ice off the coast of Alaska will be an issue. The U.S. EEZ along the northshore of Alaska could extend beyond the southern limits of the pack ice, and the only navigable route available could be through U.S. waters.

The EEZ between Tuktoyaktuk Peninsula and the U.S. - Canada border lies between 130 and 140° West longitude. A 20 km wide shipping corridor is identified between 128 to 136° West that is located 60 km off the Mackenzie River delta coastline (CHS 7620). Depths along this corridor vary from 20 to 60 m. Depths of less than 50 m are common along the Beaufort Shelf between Barrow and Tuktoyaktuk that extend 100 to 150 km offshore. The 400 km east - west distance between the U.S. - Canada border and entrance to Amundsen Gulf may not be sufficient for vessels in transit to conduct the required exchange. Ballast discharged in this area could drift east along the Beaufort Shelf into Amundsen Gulf due to nearshore currents (Hufford 1975, Fisheries and Environment Canada 1978). Waters along the Mackenzie River delta and Tuktoyaktuk Peninsula include extensive shallow areas less than 10 m in depth that extend about 25 km offshore. Physical habitat along the coast includes large flat areas of sand and sediments where salinity varies from <10 to >30 o/oo (Pelletier 1987). This zone provides a wide range of nearshore habitats used seasonally by many species for spawning and rearing (IORVL 2004a). The delta also serves as a corridor for fish moving between the Beaufort Sea and Mackenzie

River watershed (Carmack and Macdonald 2002). Turbid waters from the Mackenzie River also influence phytoplankton populations in the area. Diatoms with low light tolerance are the predominant forms near the river mouth, while flagellates that prefer higher light intensities are found further offshore (Fisheries and Environment Canada 1978).

Ballast discharged further offshore in Canadian waters could move towards the coast of Alaska and the Chukchi Sea due to the cyclonic flow of the Beaufort Gyral Stream. Habitats along the northern coast of Alaska are more robust along the Beaufort and Chukchi Shelfs because of the cold water moving south, warmer waters moving north along the coast of western Alaska, upwellings off the shelf, and freshwater flows from rivers along the north slope (Jarvela and Thorsteinson 1999). Coastal areas along northwestern Alaska have more diverse biological communities with many commercially important species compared to nearby waters in Canada (Carey et al. 1975; Craig et al. 1982; Barber et al. 1997; Schell et al. 1998).

Establishing an exchange zone in southeast Beaufort Sea can impact of waterfowl and marine mammals that frequent the area. The Kendall Island Bird Sanctuary is located along the northern edge of the Mackenzie River delta (IORVL 2004b). Waterfowl will also use other coastal areas and offshore islands for nesting and moulting purposes (Fisheries and Environment Canada 1978). Southern Beaufort Sea and Mackenzie River delta is used by marine mammals to aggregate, rear young and migrate to the Chukchi Sea (Harwood and Sterling 1992; Schick and Urban 2000; Richard et al. 2001; IORVL 2004c). Discharge of ballast water with microbial pathogens in these waters could be a health concern for marine mammals in the nearshore waters because vessels and mammals would frequent this area during the warmer months. *Vibrio choloerae* was found in ballast water in 95% of the vessels sampled entering U.S. east coast ports, as well as other ports (McCarthy and Khambaty 1994; Ruiz et al. 2000; Dobbs and Rogerson 2005). Ballast water standards have been established for *V. cholerae* and other microbial pathogens (Government of Canada 2005).

Other issues such as changing sea and weather conditions should also be addressed in considering an alternative exchange zone in this region, but are beyond the scope of this study (Harper et al. 1988; Gedeon 2007a).

NAVIGATION IN ARCTIC WATERS

Navigation season in the Arctic is dependent on air temperatures where warmer than usual periods will allow longer seasons and access to more routes. Vessels may use the Northwest Passage to move across Canada and the Northern Route across Russia.

NORTHWEST PASSAGE

This passage between Baffin Bay and Beaufort Sea was first navigated in 1905. Moving east to west, the 1,700 km deepwater route and 2,300 km common route each has three legs. Both use Parry Channel in eastern Canada, each use different north-south connecting waterways in central Canada, and both use east-west connecting waterways along the mainland of western Canada. Parry Channel is a 1,300 km series of connecting waterways along 74° North that includes Lancaster Sound, Barrow Strait, Viscount Melville Sound and M'Clure Strait. Passage through the entire length of this wide east-west channel is rarely accessible due Beaufort Sea pack ice that extends into M'Clure Strait and heavy surface ice cover that can persist in the western section even during warmer periods (Lindsay 1981, National geographic 1999).

The deepwater route is shorter because of the 1,000 km leg along Parry Channel, before moving south through Prince of Wales Strait, and west through Amundsen Gulf. Prolong ice cover in the strait prevent vessels from using this route some years (Lindsay 1981). The common or traditional route includes a 300 km leg along Parry Channel to Barrow Strait, a 850 km south leg through Peel Sound, Franklin Strait, Larsen Sound, and Victoria Strait, and a 1,150 km west leg through Queen Maud Gulf, Dease Strait, Coronation Gulf, Dolphin and Union Strait and Amundsen Gulf. Ice cover between Barrow Strait and Peel Sound will determine when vessels can use this leg (DIAND 1982). Vessels can also use M'Clintock Channel as part of south leg during warmer years (DIAND 1982). Navigation season through these routes can vary from 2 to 4 months depending on differences in annual temperatures.

NORTHERN ROUTE

The Northern Route, or Northeast Passage, is a 3,500 km waterway between the Barents and Bering Seas. This route was opened to domestic vessels in the 1930's and moves through open waters within 100 km of the coast of Russia. Navigation season along the route is restricted by surface ice near the islands of Novaya Zemlya, Ostrov Bol'shevik Lyakhovskiy and Ostrov Bol'shoy. Dated information indicate the Barents and Kara Seas section is accessible from early July to late December, Laptev Sea from early August to early October, and East Siberian and Chukchi Seas from mid-June to mid-October (Atlas of the polar regions 1985). Recent information indicated most the Barents Sea and Kara Sea section is open year round and the section to Siberia from March to November (Atlas of the world 1998).

POLAR NAVIGATION

Extended navigation season in the Arctic has been a long standing interest by the shipping industry that would provide vessels with a shorter route to ports at higher latitudes in the North Atlantic and Pacific Oceans (Table 16). Vessels currently moving between New York and Tokyo use the Panama Canal to move between the Atlantic and Pacific Oceans. Vessels moving between western Europe and Asia use the Suez Canal. Other routes that could be used are longer. Waters north of Greenland are not accessible due to the ice cap.

Table 16. Distances between the Port of Tokyo and Ports of New York and London using different shipping routes (Couper 1983, Atlas of Canada and the world 1997). Size may exclude some vessels from using the Panama Canal but not the Suez Canal.

Transit route	Distance in km
New York – Tokyo	
Northwest Passage	15,400
Northern Route	18,500
Via Panama Canal	18,600
Via Suez Canal	23,400
Around South Africa	27,200
Around South America	31,100
London – Tokyo	
Northern Route	12,000
Northwest Passage	17,700
Via Suez Canal	19,900
Via Panama Canal	23,000
Around South Africa	27,200
Around South America	28,200

The Northwest Passage was opened to commercial navigation in 1969 when the U.S. tanker *Manhattan* transported a symbolic barrel of oil through the deepwater route. Parts of the passage is used primarily by domestic vessels to deliver cargo with the Sealift program, and a few international transits that carry ore from Cornwallis Island to ports in Europe. This passage is not a realistic option as a commercial route at the present time because of its remote location, concerns for vessel safety and additional costs. There is a lack of infrastructure facilities to support vessels using this passage. A Canadian Coast Guard dock is located at Nanisivik on northern Baffin Island, but there are no fuel supplies or ship repair facilities in the area (Gedeon 2007a). Marine rescue centres in Halifax are located 3,000 km away that would their limit the effectiveness to provide emergency services. Economic advantages may be offset by costs to retrofit a vessel for Arctic conditions, ice related damage to vessels can occur, and insurance costs would be higher for vessels operating in these waters.

Jurisdictional differences regarding sovereignty of the Northwest Passage will influence the use of this route for commercial navigation. Five nations that border the Arctic Ocean include the U.S., Norway and Demark whose territories end at their coastline. Territorial claims to waters by Russia and Canada have not been resolved because of offshore islands that extend well beyond their coastlines. Canada considers passages between these islands as part of its territorial waters, while the U.S. views this passage (Parry Channel) as an international strait where foreign vessels have the right of passage. The latter position has been the case for passages like the Bosporus Strait in Turkey that lies between the Black and Aegean Seas (Gedeon 2007b).

The Northern Route has been open to domestic vessels for over 70 years, and to international traffic in 1991. This route is linked to at least five north-south river systems of commercial importance. Murmansk is the most important northern port because it is open year round and handled 17.5 million tonnes of cargo in 2006 (S. Minchenko, Murmansk Maritime Agency, pers. com.). This volume includes cargo that arrived through the Baltic-White Sea Canal System that

is linked to the Black and Caspian Seas, and Sea of Azov. Other ports along the northern coast includes Dikson on the Yenisey River, Tiksi on the Lena River, Ob River and Pechora River, that handled 0.5 to over 3 million tonnes of cargo annually (Atlas of the polar regions 1985). Marine cargo transport west of the Kara Sea is handled by Murmansk Shipping Company, and areas east by the Far East Shipping Company. No recent information is available to determine the volume of cargo their vessels transported along these routes, or volumes handled by the major ports. Bulk cargo including iron ore and timber are commonly shipped from eastern to western ports (National geographic 1999).

Domestic and international cargo volumes transported along the Northern Route should continue to increase because is more accessible than the Northwest Passage. Longer navigation seasons along the eastern and western sections is also advantageous for exporting bulk commodities to international markets in Europe and Asia. The probability of establishing a route between Murmansk and Churchill has been considered because both ports have the infrastructure to move cargo inland by rail (Binkley 2007). Murmansk is open year round and longer navigation season at Churchill with ice breaking assistance could allow petrochemicals from northern Russia to be exported to mid North American markets (Horibe 2007).

NEARSHORE HABITAT ALONG TRANSIT ROUTES

Exotic species released into a new environment are immediately faced with the challenge of finding suitable habitat. Coastal areas along the Hudson Bay and Northwest Passage transit routes in Canada and Northern Passage in Russia were examined to identify where habitats that could be favourable to introduced species. These areas were identified by water depth, shoreline contour, islands, extensive shallow areas and freshwater inflows. Information on the fauna of this region has been largely limited to a few studies on specific groups, and a number of exploratory studies that reported species captured at different locations. Information like this may indicate areas that would also be favourable for introduced species. Other areas in the coldwater region of Canada and Russia were also examined to determine if similar habitats were available.

CANADIAN WATERS

Water depths along the northern coast of Canada, offshore islands and waterways were examined using 1:12,000 to 1:10,000,000 scale Department of Fisheries and Oceans, Canadian Hydrographic Service (CHS) bathymetric charts. Charts included CHS l/C 7011 Hudson Strait – Greenland, 5002 Hudson Strait and Bay, 5003 Hudson Bay southern part and James Bay, 5449 Hudson Bay northern portion, 5450 Hudson Strait, 5640 Churchill Harbour, 7010 Davis Strait and Baffin Bay, 7011 Hudson Strait, 7066 Fox Basin Cape Dorchester to Spicer Islands, 7071 Cape Norton, Shaw to Cape M'Clintock, 7072 Kane Basin to Lincoln Sea, 7082 Cape Baring to Cambridge Bay, 7083 Cambridge Bay to Shepard Bay, 7487 Fury and Hecla Strait, 7502 Gulf of Boothia, 7552 Bellot Strait, 7570 Barrow Strait and Viscount Melville Sound, 7571 Viscount Melville Sound, 7572 Viscount Melville Sound and M'Clure Strait, 7573 M'Clintock Channel, Larsen Sound and Franklin Strait, 7600 Beaufort Sea, 7620 Beaufort Sea, 7779 Dease Strait, 7832 Eglington Island to Cape Kellett, 7950 Jones Sound Norwegian Bay and Queens Channel, 7951 Bathurst Island to Borden Island, 7953 Borden Island to Cape Stallworth, and 7954 Cape Stallworth to Cape Discovery. Other documents included Ice atlas Canadian Arctic waters (Markham 1981), Lancaster Sound region: data atlas (DIAND 1982), and The times atlas of the oceans (Couper 1983).

Northwest Passage

Parry Channel is a 1,300 km long, 40 to 140 km wide waterway. Both shorelines are well defined and depth increase rapidly within 5 km of the shore. Channel depth increases from 400 to 800 m between the west and eastern entrances and a few large islands are found in Barrow Strait. Peel Sound – Franklin Strait is a 350 km long, 25 to 50 km wide passage between Somerset Island and Prince of Wales Island with depths over 200 m within 10 km of well defined shorelines. Depths in Larsen Sound usually exceed 150 m, and decrease near Victoria Strait where shallow areas and bays are found around Victoria Island. Queen Maud Gulf is a shallow 275 km by 85 km body with depths up to 100 m. Depths of <50 m extend 10 km from the north shore, and 30 km from the south shore with many small inlets and islands along the coast. Dease Strait is a 160 km long, 25 to 40 km wide with a well defined shoreline. Depths from east to west increase from 70 to 130 m. Depth of <50 m are found within 8 km of shore including Wellington Bay with its extensive shallow areas

along the north shore. Coronation Gulf is 250 km long and 100 km wide, most areas are 30 to 60 m deep, except around Lady Franklin Point where depth varies from <15 to 100 m. Many small islands and bays are found in shallow waters along its south shore in Bathurst Inlet. Dolphin and Union Strait is a 500 km long, 75 to 200 km wide waterway with depths of 15 to 350 m. Many small islands are found along the shallow eastern section, and extensive shallow areas along the northern shore. Amundsen Gulf is a deep water body with depths of 300 to 500 m in the central area. The 100 m depth contour is within 20 km of the shoreline. Depth in the eastern gulf continues to increase as it enters into Beaufort Sea.

Most of the eastern section of section and north-south leg of the Northwest Passage has well defined shores where water depths increase rapidly from shore. The western section of the passage between Queen Maud Gulf and Amundsen Gulf has many areas with extensive shallow areas among bays and islands particularly among the south shore. Exploratory surveys reported various species were collected along the route (DIAND 1982). Many rivers are found along this section and the coastline that extend east to Hudson Bay that would provide a range of salinities along the shore (Atlas of Canada 1981). These rivers are used by anadromous species to access headwater lakes. Inshore habitats would be favourable for benthic invertebrates like molluscs and amphipods, and could used by many fish species for spawning and rearing areas.

Hudson Bay route

Hudson Bay is accessibly from the North Atlantic through Hudson Strait whose shoreline is well defined and depth from shore increases rapidly. Hudson Bay waters exceeding 300 m in depth are found within 10 km along the eastern shore and depths over 150 m are found in the central basin. Depths <30 m that extend 30 km out are found along the western shore around Churchill, MB. The southern part of the bay is less than 50 m deep and extend 100 to 150 km offshore. The Port of Churchill is located in the estuary of the Churchill River. Entrance to the harbour is 500 m wide, with a navigation channel about 8 m deep. The Churchill River is 1.5 km wide at this point, and most of the area is <2 m deep surrounded by wetlands. Wetlands and nearshore areas <10 m deep extend out several km offshore are also found outside the harbour entrance. Foxe Basin is a large shallow body in northern Hudson Bay. Deepest areas in the western portion are 80 to 180 m, and depths of <50 m along of the coastline. Most of the eastern basin is <50 m. The north shore of the basin is defined by an irregular coastline with many small islands. James Bay is a shallow body in southern Hudson Bay. Depths of 50 m are found in middle and northern portions and most of the nearshore areas in the south are <20 m. There are several large rivers that enter Hudson Bay along its eastern and western coasts. Large volumes of freshwater from rivers along the shores of Quebec have recently caused an increase in surface ice thickness during winter (Hamilton 2006).

Nearshore areas around Hudson Bay would be particularly favourable habitat for benthic species. Species could be introduced by vessel transport, or range expansion by previously introduced species that are found in large river systems that flow into these waters (Wright 2002).

High Arctic waters

These waters are found among the Queen Elizabeth Islands (group) that includes the larger islands above Parry Channel (www.wikipedia.org accessed 9 May 2007). These islands include Ellesmere, Devon Melville and Axel Heiberg, Prince Patrick and Melville. Their coastlines are usually well defined with large fiords, inlets and bays where depths of 100 to 800 m are found <10 km of shore. Some islands have limited nearshore areas with depths of <20 m in bays and near smaller islands. Southwestern Ellesmere Island has an irregular coastline with many deep fiords as well as many small islands. Surveys have reported standing crops of phytoplankton and benthic organisms in these waters (DIAND 1982). It could be difficult to assess the probability of exotic species introduction to these waters because shallow areas are less common than areas further south. Most of these waters are within the southern limit of the ice pack scouring that would further reduce the probability of benthic organisms from colonizing shallow areas (National geographic 1999).

Other connecting waterways and waters

The Northwest Passage is the only route used by commercial vessels for east-west transits. There are two smaller east – west waterways that link Hudson Bay with Queen Maude Gulf that are not used by vessels because of shallow depths and narrow passages. Fury and Hecla Strait between Melville Peninsula and Baffin Island links Foxe Basin to the Gulf of Boothia. This 140 km by 15 to 30 km waterway is 50 to 250 m deep. The eastern entrance is 3 km wide due to Ormonde Island. Bellot Strait between Boothia Peninsula and Somerset Island links Gulf of Bothia to Peel Sound. This 24 km by 0.8 to 2 km waterway is <100 m deep along the western side and <25 m deep at the eastern entrance. Fury and Helca Strait and Bellot Strait are used by marine mammals as passages to move between Atlantic and Beaufort Sea waters through Hudson Bay, Foxe Basin and the northern coast of Canada (Stewart et al. 1995, Heide-Jorgensen et al. 2003). Storis Passage (Simpson Strait) between Adelaide Peninsula and King William Island is a 80 km by 4 to 30 km wide east - west waterway that links Rasmussen Basin with Queen Maude Gulf. There are extensive shallow areas are found along this area and the passage is used to access communities like Goa Haven and Spence Bay.

RUSSIAN WATERS

The physical habitat in the cold water region of Russia is far more homogenous than Canada because of extensive shallow areas along its wide continental shelf (National geographic 1999). Most of the waters along the 2,900 km central and eastern coastlines are <50 m deep that extend 400 to 700 km from shore, and several hundred meters deep that extend 500 to 800 km beyond that (Groshkov 1983, Atlas of the Arctic 1985). Deeper waters are found along its 600 km western coast in the Barents Sea where depths of <50 m are found within 100 km ,and 1,000 m depths 400 to 600 km from shore. There are few large islands and island groups along the coastline, most are located several hundred km from shore. Information on marine mammals and birds, fish, invertebrates and plant species that are found in these waters, and their circumpolar distribution are reported in several atlases (Groshkov 1983, Atlas of the Arctic1985). More species are found along the western coast because the habitat is more diverse.

LONG TERM AIR TEMPERATURE PATTERNS IN CANADA

Increase in air temperatures in the Arctic region has become a global concern because of its potential effects on the environment and its inhabitants. Rising sea levels could inundate coastal areas, increase health risk to humans, and other problems (Patz 2005, Dow and Dowing 2006, Rowley et al. 2007). Impacts in the Arctic can include changes in runoff that will affect water levels and river-ice regimes, and alter biogeochemical inputs to these waters from altered terrestrial landscapes that would collectively impact fish and fisheries, aquatic mammals and waterfowl (Wrona et al. 2006). Open water leads between pack ice and the coast of Canada during the warmer season could be wider and navigation season longer that would increase vessel access to Arctic waters. Historic air temperatures across Canada were examined at the national and regional levels to determine how this might influence exotic species introductions to the region.

NATIONAL PATTERNS

Data sources and analyses

Environment Canada has several websites that provide current weather information as well as historic air temperatures. The Meteorological Service website www.msc-smc.ec.gc.ca (accessed May 3, 2007), Climate Trends and Variations included the bulletins "Annual National Temperatures, Ranked Warmest to Coolest, 1948 to 2006" and "Winter National Temperature Departures, Ranked Warmest to Coolest, 1948-2007". These rankings were based on departures from the average temperature that occurred annually between 1951 and 1980 (R. Whitewood, Environment Canada, Downsview, ON). Difference between each annual temperature and the norm was determined, and these departures were ranked warmest to coolest. These data sets were examined to see if warmer temperatures have been occurring more frequently within the past two decades, and if there were similarities in ranking between annual and winter temperatures.

Annual national values that were ranked warmest to coolest by Environment Canada indicated departures ranged from to +2.5° to -1.8° C over 59 years (Table 17). Retaining this ranking, the years were divided into two 20 and one 19 year intervals. Warmer years were more frequent in recent years where 5 of the warmest occurred since 1998, and 15 since 1987. Five of the other 20 warmer years were ranked 30 to 46. Temperature departures for the 20 warmest years ranged from +2.5° to +0.5° C, and departures for the 19 coolest years from -0.0° to –1.8° C. Winter national values ranged from +3.9° to -3.2° C over 60 years (Table 18). Warmer winters were also more frequent in recent years where 7 of the warmest occurred since 1998, and 14 occurred since 1988. The other 6 warmer years were ranked 35 to 54. Departures for the 20 warmest years ranged from +3.9° to +1.3° C, and 20 coolest years from –0.3° to –2.3° C.

National trends

Annual and winter temperature departures over 60 years indicated 15 of the 20 warmest temperatures occurred within the past 20 years compared to 5 during the previous 40 years. Further analyses on where annual values were ranked in each decade indicated similarities between annual and winter rankings. Annual temperature departures ranked 1 to 20 included years over 6 decades, those ranked 21 to 40 over 7 decades, and 41 to 59 over 5 decades. Winter temperatures also indicated 14 of the warmer occurred within the past 20 years. Annual

departures during winter by those ranked 1 to 20, 21 to 40, and 41 to 60 also covered 6, 7 and 6 decades respectively.

Differences were noted between annual and winter temperatures when the first and last 10 ranked years, and years ranked 29 to 31 were compared. The warmest 10 years included 5 years that were common to both, but only 2 were common for the 10 coolest years. Further comparisons among individual years indicated 1983, 2004 and 1962 were ranked 29 to 31 among annual national temperatures were ranked 29, 18 and 52 among winter temperatures respectively. Temperatures ranked 29 to 31 in winter were ranked 29, 52 and 39 annually. These rankings and comparisons indicated differences in annual and winter temperatures between successive have become less frequent. Increase in frequency of warmer than normal temperatures in the last two decades indicate a pattern that has not seen over the previous four decades across Canada.

REGIONAL PATTERNS

Data source and analyses

The Environment Canada website www.climate.weatheroffice.ec.gc.ca (accessed May 3, 2007) also included the National Climate Data and Information Archive, Past Weather Climate Data file with historical air temperatures for 8,000 stations across the country. Each location (e.g, Toronto) could have one or more stations. Each station is identified by a name, climate identification number, coordinates, elevation and other information. Most stations have files with hourly, daily and monthly values. Average daily temperatures were calculated from the minimum and maximum temperatures that occurred each day, and reported each hour to 0.1° C. Average monthly temperatures were determined from average daily values, and average annual value from average monthly values. There were some differences between the hourly values reported and the average temperature for the day, this was due to minimum and maximum temperatures may occur within the hour because recent measurements are recorded on a continuing basis. Data quality among stations was variable. A file may indicate data is available over 50 years but values may not be complete for each year. Some annual values can be determined from daily and hourly values reported that were not yet complied as monthly values. Large urban areas like Toronto has 86 stations where the first year reported ranged from 1895 to 2006. Relatively few stations are located in remote areas, and even less at higher latitudes.

Locations across southern Canada and the Arctic were selected to examine annual variability in temperatures among years, long term patterns and regional differences. Many of these had annual temperatures that extended over 40 years, and all are still active. Several locations in the Arctic with annual temperatures of less than 40 years were used to obtain representative sites across Canada. There were several locations were readings from 2 or more stations in close proximity were used to obtain enough data. Other locations that were used had data gaps but still allowed long term patterns to be examined.

Table 17. Annual national temperature departures between 1948 and 2006 ranked warmest to coolest by Environment Canada. Years in bold include 1987 to 2006, and italics from 1967 to 1986, others from 1948 to 1963.

Rank	Year	Depart°C	Rank	Year	Depart°C	Rank	Year	Depart°C
1	**1998**	2.5	21	**1991**	0.5	41	1957	-0.0
2	**2006**	2.4	22	**1994**	0.5	42	*1979*	-0.1
3	*1981*	2.0	23	*1980*	0.4	43	1961	-0.1
4	**2001**	1.7	24	*1969*	0.4	44	*1975*	-0.1
5	**1999**	1.7	25	1963	0.3	45	**1992**	-0.1
6	**2005**	1.7	26	*1984*	0.2	46	**1989**	-0.2
7	**1987**	1.4	27	1954	0.2	47	1966	-0.2
8	**2003**	1.1	28	*1968*	0.2	48	*1970*	-0.2
9	1953	1.0	29	*1983*	0.2	49	1959	-0.3
10	1952	1.0	30	**2004**	0.1	50	*1967*	-0.3
11	**2000**	0.9	31	1962	0.1	51	1951	-0.4
12	*1977*	0.9	32	*1986*	0.1	52	*1978*	-0.4
13	**1988**	0.8	33	1955	0.0	53	1964	-0.5
14	1958	0.7	34	*1976*	0.0	54	1956	-0.6
15	**1995**	0.7	35	1949	0.0	55	1965	-0.6
16	**2002**	0.6	36	**1996**	0.0	56	*1974*	-0.8
17	*1973*	0.6	37	1948	0.0	57	*1982*	-0.9
18	**1997**	0.6	38	*1971*	-0.0	58	1950	-1.0
19	1960	0.6	39	**1990**	-0.0	59	*1972*	-1.8
20	**1993**	0.5	40	*1985*	-0.0			

Table 18. Winter national temperature departures between 1948 to 2007 ranked warmest to coolest by Environment Canada. Years in bold include 1988 to 2007, and italics from 1968 to 1987, others from 1948 to 1967.

Rank	Year	Depart°C	Rank	Year	Depart °C	Rank	Year	Depart °C
1	**2006**	3.9	21	*1970*	1.3	41	*1985*	-0.3
2	*1987*	3.0	22	1955	1.1	42	*1976*	-0.4
3	**2007**	3.0	23	**1992**	0.9	43	**1996**	-0.4
4	**1998**	2.7	24	1961	0.8	44	**1991**	-0.5
5	1960	2.6	25	**1997**	0.7	45	1967	-0.5
6	*1981*	2.4	26	**2005**	0.6	46	1959	-0.6
7	1953	2.4	27	1963	0.5	47	*1982*	-0.6
8	**1999**	2.4	28	*1968*	0.5	48	*1974*	-0.9
9	**2000**	2.3	29	*1983*	0.4	49	**1990**	-1.0
10	**2002**	2.3	30	*1978*	0.3	50	*1973*	-1.1
11	**2003**	2.2	31	1948	0.3	51	1952	-1.1
12	*1980*	1.8	32	*1969*	0.2	52	1962	-1.2
13	*1986*	1.7	33	*1975*	0.1	53	*1971*	-1.3
14	1958	1.6	34	*1984*	0.1	54	**1994**	-1.4
15	**1988**	1.6	35	**1989**	0.1	55	*1979*	-1.5
16	**1995**	1.6	36	1951	0.0	56	1949	-1.6
17	*1977*	1.5	37	**1993**	-0.0	57	1957	-1.7
18	**2004**	1.5	38	1956	-0.0	58	1965	-1.9
19	**2001**	1.4	39	1954	-0.1	59	1950	-2.6
20	1964	1.3	40	1966	-0.3	60	*1972*	-3.2

Thirteen locations in southern Canada included St. John's, NL, Moncton, NB, Charlottetown, PE, Montreal, QC, Ottawa, ON, Toronto, ON, Winnipeg, MB, Regina, SK, Saskatoon, SK, Edmonton, AB, Calgary, AB, Kamloops, BC and Vancouver, BC. (Fig. 1). Annual values ranged from 46 to 121 years and all temperatures were recorded at one station, but one value was not available at one location for one year (Table 19). The 25 locations in the Arctic region included 14 in Nunavut, 4 in Northwest Territories, 3 in Quebec, 2 in Labrador, and 1 each in Ontario and Manitoba. Temperatures for 21 locations ranged from 44 to 73 years, and 25 to 30 years for the other stations. Temperatures for 20 locations were available from one station, 4 locations from 2 stations, and 1 location from 3 stations. All locations have temperature values reported for 2006, although 3 locations did not have values for the last several months of the year

A scatter plot was used to examine temperature patterns for Winnipeg, MB between 1939 and 2006. No trend was discernable when each annual temperature over 60 years was used because of variability among successive years (Fig. 2). Trends were enhanced when moving averages of 3, 5, 7 and 9 years were used. Patterns for 7 and 9 years was similar, therefore a moving 7 year average was used to increase the number points in recent years. Thirty of the 38 locations had annual values for each year that allowed moving 7 year averages to be calculated. A 6 year moving average that included the first and last year for each location was also used to increase the number of points. A 6 year moving average was also use when a missing value was encountered within the data set, 8 locations did not have annual values for 1 to 4 years There were some data gaps where 2 or more missing annual values were within 7 years used to calculate moving averages (e.g., Moosonee, ON). Long term air temperature patterns at all locations were examined from a qualitative perspective. Temperatures along the Y-axis were reported over a 4° C span for most stations for comparative purposes, and units were not include along the X-axis because of the large range in years among locations. Average annual temperature and 7 year moving average for each location is reported in Appendix 5.

Annual temperature plots for 13 locations across southern Canada were reported in an east to west order. Plots for the 25 locations in the Arctic were reported as five sub-regions. Baffin – Labrador Atlantic coast and Ungava Bay included Clyde, NU, Iqaluit, NU, Goose (Bay), NL, Cartwright, NL and Kuujjuak, QC. Lower Hudson included Inukjauk, QC, Kuujjauarapik, QC, Churchill, MB and Moosonee. Upper Hudson Bay included Baker Lake, NU, Rankin Inlet, NU, Coral Harbour, NU, Cape Dorset, NU, Hall Beach, NU and Igloolik, NU. Western Arctic included Sachs Harbour, NT, Cape Parry, NT, Inukik, NT, Coppermine /Kugloktuk, NU and Cambridge Bay, NU. High Arctic included Alert, NU, Eureka, NU, Mould Bay, NT, Resolute, NU and Pond Inlet, NU. The 1991 data point for each location is indicated by an open circle (○) as a reference point because of the large differences in years among locations. Historic air temperatures at each location was conservatively compared by determining the difference between the maximum air temperature that occurred up to 1990 with the average the annual temperatures over the most recent 5 years. The maximum temperature and each of the recent 5 years at these points of comparison were all based on 7 year moving averages.

Table 19. Average annual air temperatures at locations in southern Canada and coldwater region (Appendix 3). The period monitored, number of years and years without data in parenthesis, average annual temperature (° C), range of annual temperatures over the period (° C), and stations with coordinates are reported. Several locations used values from more than one station, intervals are noted.

Location	Period	Years	Ave	Range	Station	Coordinates	Interval
Southern Canada							
St. John's, NL	1942 to 2006	65	4.8	3.6 to 6.6	3012205	47°37'N, 52°44'W	
Charlottetown, PE	1946 to 2006	60	5.5	4.1 to 7.4	8300300	46°17'N, 63°07'W	
Moncton, NB	1940 to 2006	67	5.2	3.9 to 7.2	8103200	46°06'N, 64°41'W	
Montreal, QC	1942 to 2006	65	6.4	5.1 to 8.6	7025250	45°28'N, 73°45'W	
Ottawa, ON	1930 to 2005	76	6.0	3.9 to 8.6	6105976	45°22'N, 75°43'W	
Toronto, ON	1940 to 2006	67	7.6	5.9 to 10.2	6158733	43°40'N, 79°37'W	
Winnipeg, MB	1939 to 2006	68	2.5	-0.1 to 5.5	5023222	49°55'N, 97°13'W	
Regina, SK	1901 to 2006	106	2.3	0.8 to 5.7	4016560	50°25'N, 104°40'W	
Saskatoon, SK	1919 to 2006	88	1.9	-1.1 to 5.1	4057120	52°10'N, 106°43'W	
Edmonton, AB	1961 to 2006	46	2.2	0.1 to 4.9	3012005	53°19'N, 113°34'W	
Calgary, AB	1885 to 2006	121 (1)	3.8	1.2 to 6.7	3031093	51°06'N, 114°01'W	
Kamloops, BC	1951 to 2006	56	8.8	6.5 to 10.6	1163780	50°42'N, 120°26'W	
Vancouver, BC	1937 to 2006	70	10.0	7.5 to 11.5	1108447	49°12'N, 123°10'W	
Coldwater region							
Nunavut							
Alert	1951 to 2005	55	-17.9	-19.7 to -15.8	2400300	82°31 N, 62°16'W	
Baker Lake	1952 to 2006	55	-11.8	-15.1 to -8.6	2300500	64°18'N, 96°04'W	
Cambridge Bay	1949 to 2006	58	-14.6	-17.9 to -10.9	2400600	69°06'N, 105°08'W	
Cape Dorset	1980 to 2006	26	-8.7	-11.1 to -6.0	2400635	64°13'N, 76°31'W	
Clyde	1947 to 2006	56 (4)	-12.4	-14.8 to -9.9	2400800	70°29'N, 68°31'W	
Coral Harbour	1951 to 2006	56	-11.4	-15.3 to -8.2	2301000	64°11'N, 83°21'W	
Eureka	1948 to 2006	59	-19.4	-20.7 to -16.0	2401200	79°58'N, 85°55'W	
Hall Beach	1959 to 2006	48	-14.0	-17.8 to -11.0	2402350	68°46'N, 81°14'W	
Igloolik	1979 to 2005	26	-13.5	-15.4 to -11.6	2402540	69°22'N, 81°48'W	1979 to 1988, 2001
					2402543	69°22'N, 81°49'W	1989 to 2000, 2002 to 2005
Iqaluit	1947 to 2006	60	-9.2	-12.7 to -6.7	2402590	63°45'N, 68°33'W	
Coppermine	1933 to 2006	73 (1)	-11.1	-14.0 to -7.1	2300902	67°49'N, 115°07'W	1933 to 1976
(Kugluktuk)					2300900	67°49'N, 115°08'W	1978 to 2006

Pond Inlet	1976 to 2006	30	-14.6	-16.7 to-12.4	2403201	72°40'N, 77°58'W	
Rankin Inlet	1982 to 2006	25	-10.8	-13.0 to -7.4	2303401	62°48'N, 92°04'W	
Resolute	1948 to 2006	59	-16.3	-19.1 to -12.9	2403500	74°43'N, 94°59'W	
Northwest Territories							
Cape Parry	1960 to 2006	44 (3)	-11.7	-15.2 to -7.3	2200675	70°10'N, 124°43'W	
Inuvik	1960 to 2006	47	-8.9	-11.9 to -4.6	2202570	68°18'N, 133°28'W	
Mould Bay	1949 to 2006	58 (2)	-16.8	-19.4 to -14.1	2502700	76°13'N, 119°18'W	1949 to 1997
					250M001	76°14'N, 119°21'W	1997 to 2007
Sachs Harbour	1956 to 2006	48 (3)	-13.4	-16.6 to -8.8	2503650	72°00'N, 125°16'W	
Newfoundland and Labrador							
Cartwright	1938 to 2006	69	0.1	-3.2 to 2.4	8501100	53°42'N, 57°02'W	
Goose (Bay)	1942 to 2006	65	-0.1	-1.9 to 1.8	8501900	53°19'N, 60°25'W	
Quebec							
Inukjuak	1940 to 2006	66 (1)	-6.6	-10.1 to -3.5	7103282	58°28'N, 78°04'W	1940 to 1993
					7103283	58°28'N, 78°04'W	1995 to 2006
Kuujjuarapik	1957 to 2006	50	-4.2	-7.5 to -1.2	7103536	55°16'N, 77°45'W	
Kuujjuaq	1948 to 2006	58	-5.4	-9.1 to -3.0	7113534	58°06'N, 68°25'W	
Ontario							
Moosonee	1936 to 2006	67 (4)	-1.0	-3.3 to 1.6	6075425	51°16'N, 80°39'W	1936 to 1993, 1999 to 2004
					6075428	51°17'N, 80°36'W	1996 to 1998
					6075435	51°17'N, 80°37'W	2005 to 2006
Manitoba							
Churchill	1947 to 2006	60	-6.9	-9.8 to -3.6	5060600	58°46'N, 94°10'W	

Table 20. Average, minimum and maximum air temperatures at each location ≤1990, and average temperatures for the last 5 years (2000 to 2004). Difference between last 5 year average and maximum temperature ≤1990 noted. Values are based on 7 year moving averages.

Region/Location	<1990		Ave last 5 yrs (B)	Difference (B-A)
	Ave	Min and Max (A)		
Southern Canada				
St. John's, NB	4.8	4.3 to 5.2	5.5	+0.3
Charlottetown, PE	5.4	4.9 to 6.0	6.0	0
Moncton, NB	5.2	4.8 to 5.8	5.9	+0.1
Montreal, QC	6.3	5.7 to 7.0	7.2	+0.2
Ottawa, ON	5.8	4.8 to 6.6	7.2	+0.6
Toronto, ON	7.4	6.7 to 8.1	8.9	+0.8
Winnipeg, MB	2.4	1.4 to 3.3	3.1	(-0.2)
Regina, SK	2.2	0.7 to 3.9	2.8	(-1.1)
Saskatoon, SK	1.9	0.7 to 3.9	3.1	(-0.8)
Edmonton, AB	2.0	0.8 to 3.6	3.1	(-0.5)
Calgary, AB	3.7	2.6 to 5.1	4.5	(-0.9)
Kamloops, BC	8.5	7.7 to 9.4	9.6	+0.2
Vancouver, BC	9.9	9.4 to 10.5	10.5	0
Baffin – Labrador Atlantic coast and Ungava Bay				
Clyde, NU	-12.4	-13.7 to –11.7	-12.0	(-0.3)
Iqaluit, NU	-9.5	-10.3 to –8.1	-8.3	(-0.2)
Goose (Bay), NL	-0.1	-1.0 to 0.7	0.7	0
Cartwright, NL	-0.2	-1.1 to 0.5	0.8	+0.3
Kuujjuak, QC	-5.6	-6.6 to –4.7	-4.3	+0.3
Lower Hudson Bay				
Inukjauk, QC	-6.8	-7.4 to –6.2	-5.0	+1.2
Kuujjauarapik, QC	-4.6	-5.1 to –4.2	2.9	+1.3
Churchill, MB	-7.2	-7.6 to –6.6	-5.8	+0.8
Moosonee, ON	1.2	-1.9 to –0.6	0.2	+0.8
Upper Hudson Bay				
Baker Lake, NU	-12.2	-12.8 to –11.7	-10.8	+0.9
Rankin Inlet, NU	-11.7	-11.8 to -11.5	-10.0	+1.5
Coral Harbour, NU	-11.6	-12.4 to –11.1	-10.3	+0.8
Cape Dorset, NU	-9.5	-9.9 to –9.1	-7.7	+1.4
Hall Beach, NU	-14.4	-15.0 to –13.9	12.8	+1.1
Igloolik, NU	-13.9	-14.3 to –13.6	-12.6	+1.0
Western Arctic				
Sachs Harbour, NT	-13.9	-14.6 to –13.3	-12.4	+0.9
Cape Parry, NT	-12.1	-12.8 to –11.4	-10.5	+0.9
Inuvik, NT	-9.5	-10.3 to –8.1	-7.6	+0.5
Coppermine, NU	-11.4	-12.2 to –10.3	-10.0	+0.3
Cambridge Bay, NU	-15.0	-15.7 to –14.5	-13.6	+0.9
High Arctic				
Alert, NU	-18.1	-18.8 to –17.7	-17.4	+0.3
Eureka, NU	-19.7	-20.7 to –19.1	-18.2	+0.9
Mould Bay, NT	-17.8	-18.2 to –17.1	-16.4	+0.7
Resolute, NU	-16.6	-17.7 to –16.2	-15.3	+0.9
Pond Inlet, NU	-15.1	-15.3 to -14.8	-13.9	+0.9

Regional trends

Patterns in southern Canada indicated similarities in temperature cycles up to the early 1990s (Fig. 3). Pronounced temperature cycles were suggested for Saskatoon, Regina, and Calgary, but this is due to compressed data points that span 88 to 121 years compared to the 60 to 67 years for the other 10 locations. There were differences of +0.6° to +0.8° C between the points of comparison in Ottawa and Toronto that is consistent with the trend towards warmer than normal national temperatures. This trend was not supported in Manitoba, Saskatchewan and Alberta where differences were lower, and little or no increase at locations along the east and west coasts (Table 20).

Little or no differences were also indicated for locations in the Arctic along the Atlantic coast and Ungava Bay (Fig. 4). This was not the case among the other 4 sub-regions where temperature increases were noticeably higher across the Arctic. Nine of 10 locations in lower and upper Hudson Bay had differences of +0.8° to +1.5° C, and the other location +0.3° C (Figs. 5 and 6). Temperature differences of +0.9° C were indicated at 6 of 10 locations in the western and high Arctic that included Eureka and Mould Bay (Figs. 7 and 8). Two locations had differences +0.5° to +0.7° C and Alert and Coppermine with differences of +0.3° C.

AIR TEMPERATURE ISOTHERMS ACROSS CANADA

Air temperature isotherms in January, May and September were examined to compare patterns in eastern, central and western Canada below and above 60° North latitude (Environment Canada 1984). These isotherms were based on daily temperatures between 1951 and 1980. January temperatures below 60° North in central Canada ranged from -15° to -30° C, which was about 5° to 15° C colder than the eastern Canada, and 5° to 20° C colder than western Canada (Fig. 9). Temperatures also decreased rapidly from southwest to northeast Hudson Bay. Temperatures above 60° North ranged from 30° to 35° C in the central portion, while eastern and western areas were about 10° C lower. Coldest temperatures were found among the larger islands in the northwestern Arctic. Isotherms in May above and below 60° North were generally similar along the same latitudes across Canada where with differences of less than 5° C (Fig. 10). Coldest temperatures were located west of Resolute that included the central and western sections of the Northwest Passage. Isotherms in September were similar to May generally following along the same latitudes except among the larger islands at the higher latitudes (Fig. 11). These conditions would indicate weather related restrictions on vessels destined for the Hudson Bay region should be less severe than vessels destined for central and western Arctic destinations.

The 1951 to 1980 average annual air temperatures used to develop the isopleths across Canada was base on the same temperatures used to rank the annual national average temperatures between 1948 and 2006 (Tables 17, 18). Average temperature between 1951 and 1980 reported in that table was 0.0° C, and the average rank was 30 among the 59 years. There was a noticeable difference between temperatures used to develop the isopleths that only included 6 of the 20 warmest years reported in the national average. This would suggest these isopleths do not represent current temperature patterns because they do not include temperature variations there occurred within the last 2 decades across Canada.

Fig.1. Air temperature locations in southern Canada (●), Baffin –Labrador coast and Ungava Bay (▶), lower Hudson Bay (▼), upper Hudson Bay (■), western Arctic (◀), and high Arctic (▲). Information about each location in Table 19.

Fig. 2. Annual air temperatures at Winnipeg, MB between 1939 and 2006 plotted as annual, 3, 5, 7, and 9 year moving averages.

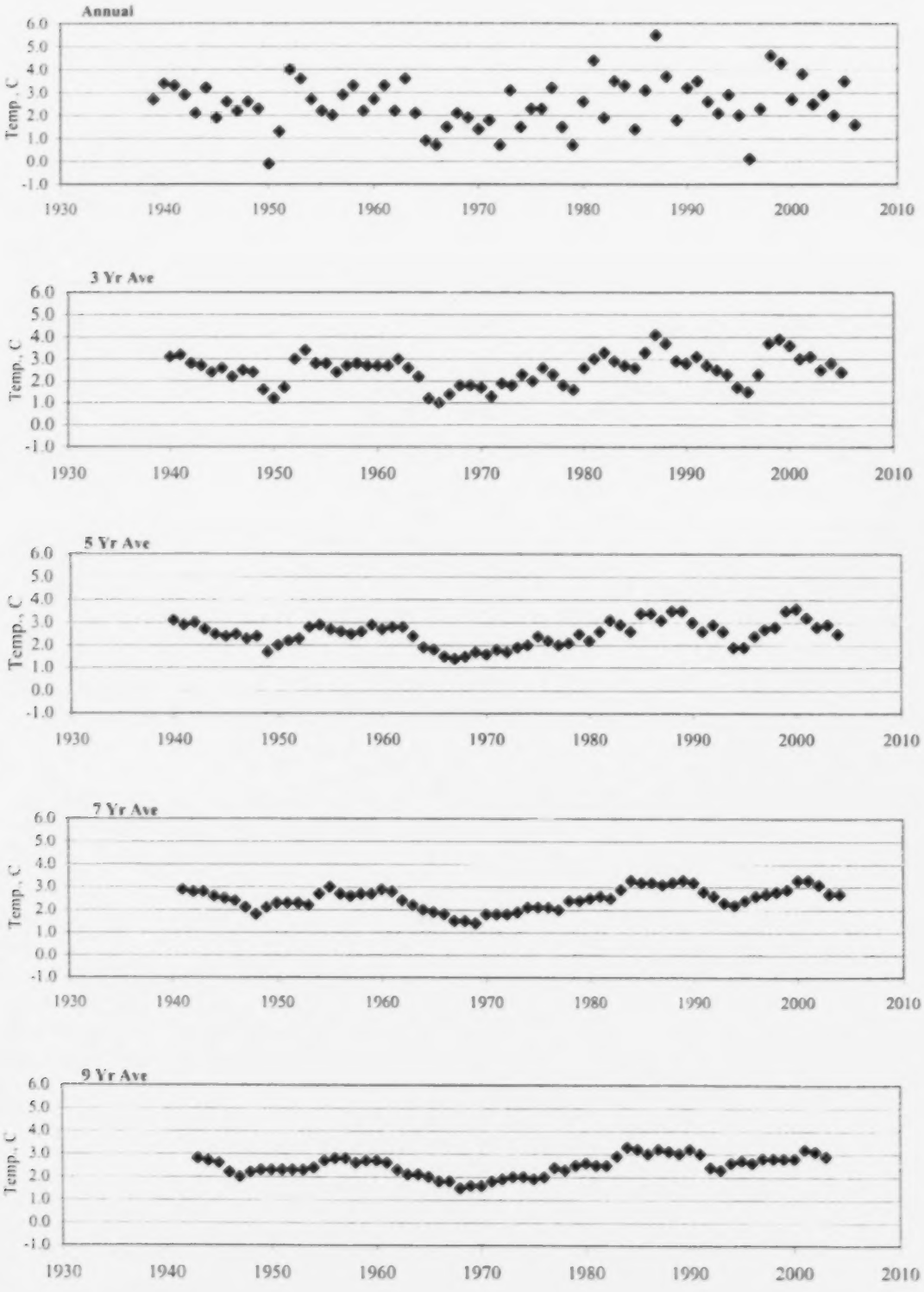
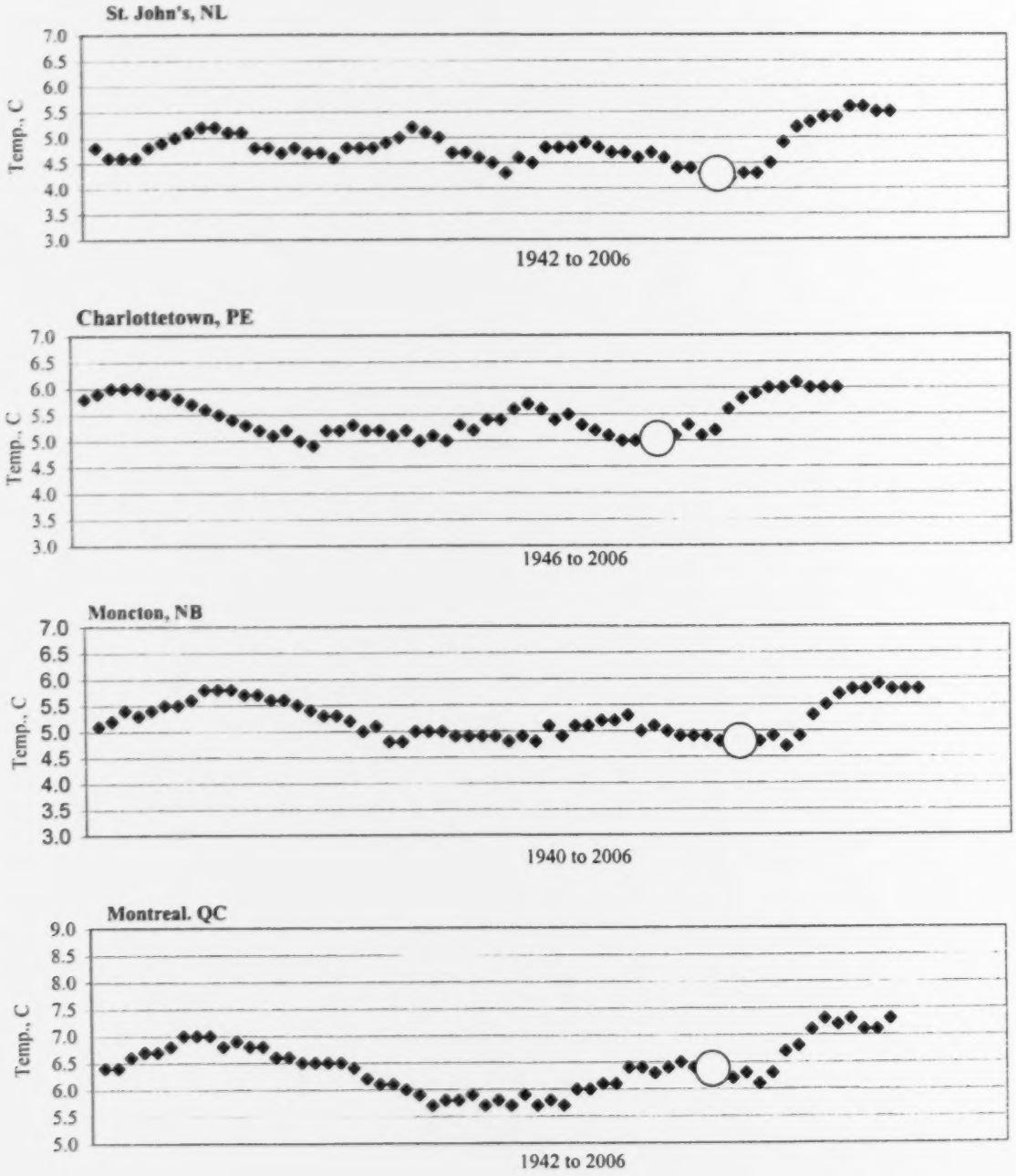
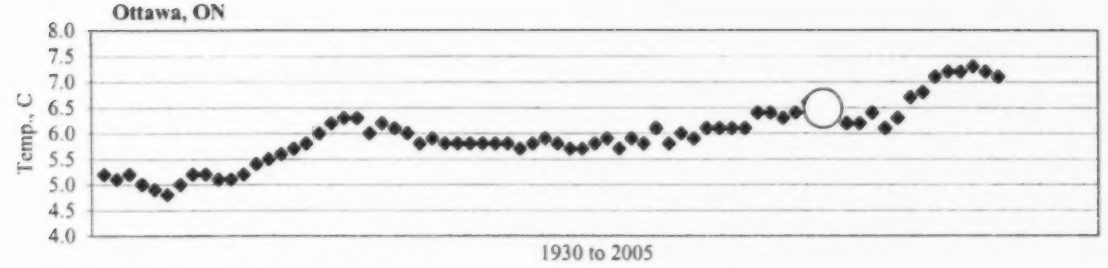
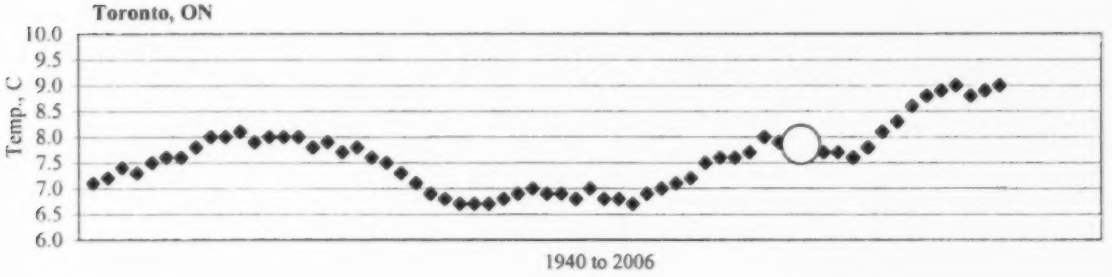
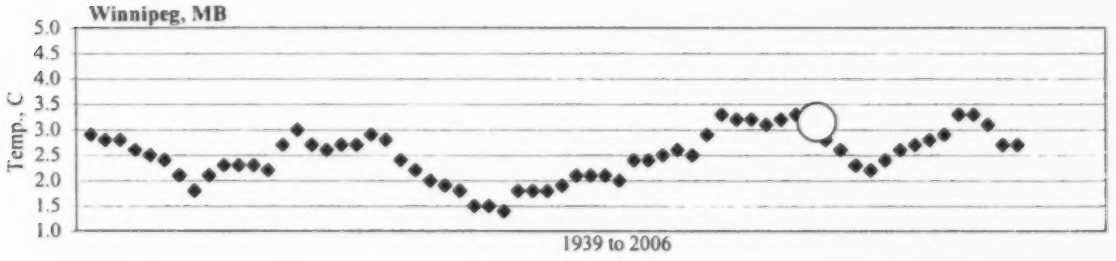


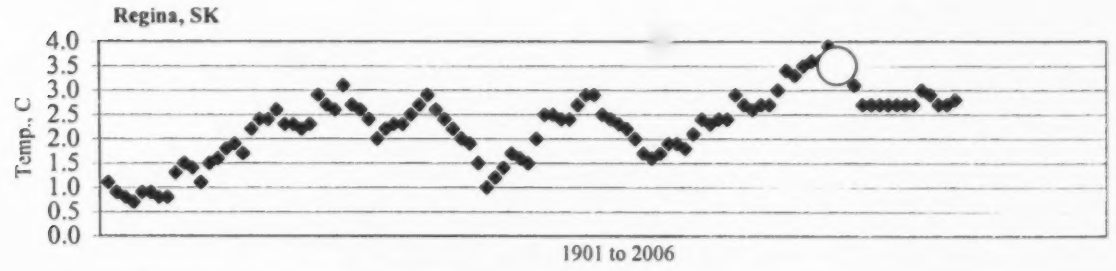
Fig.3. Annual air temperatures at 13 locations across southern Canada. Values represent 7 year moving averages. Open circle indicate 1991 as a reference point.

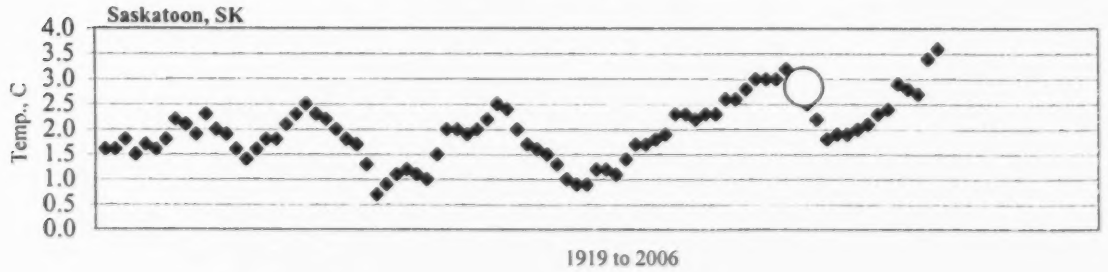


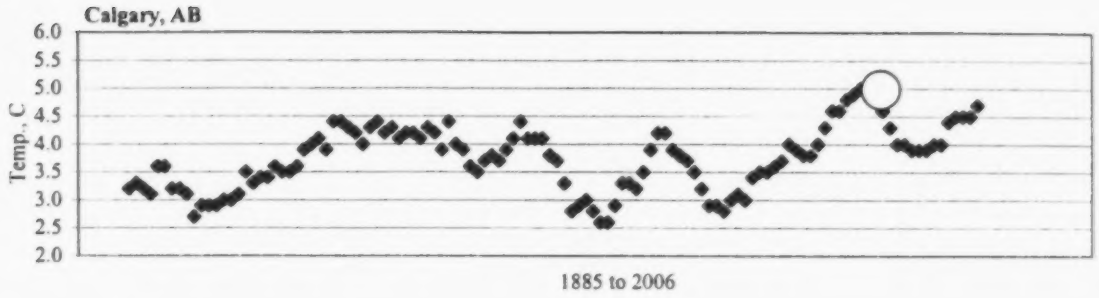

Ottawa, ON
Temp., C
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
1930 to 2005

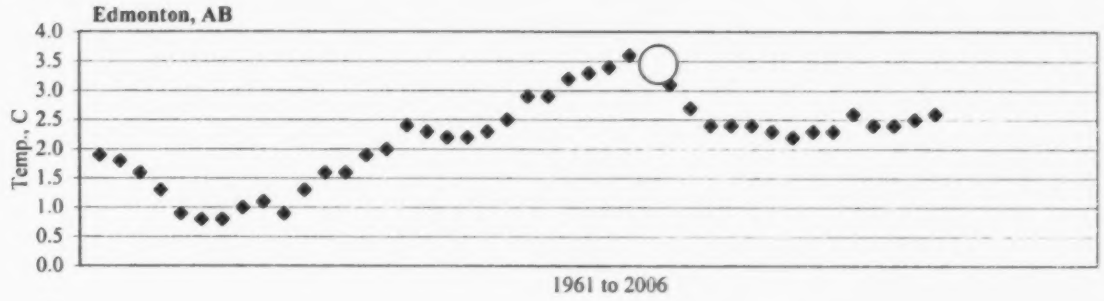

Toronto, ON
Temp., C
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
1940 to 2006

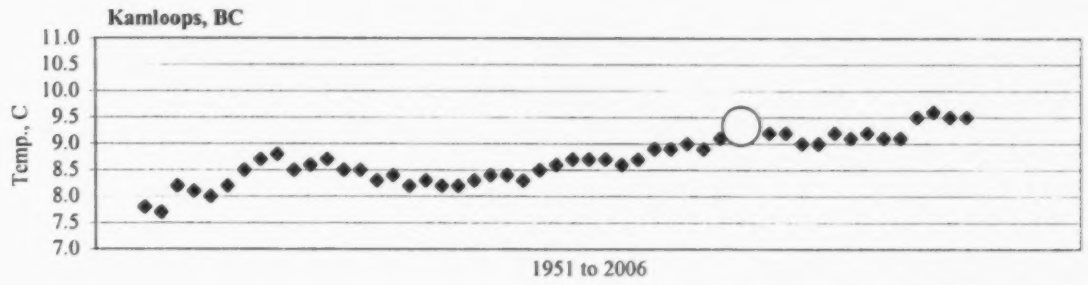

Winnipeg, MB
Temp., C
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
1939 to 2006


Regina, SK
Temp., C
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1901 to 2006


Saskatoon, SK
Temp., C
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1919 to 2006


Calgary, AB
Temp., C
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1885 to 2006


Edmonton, AB
Temp., C
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1961 to 2006


Kamloops, BC
Temp., C
11.0
10.5
10.0
9.5
9.0
8.5
8.0
7.5
7.0
1951 to 2006

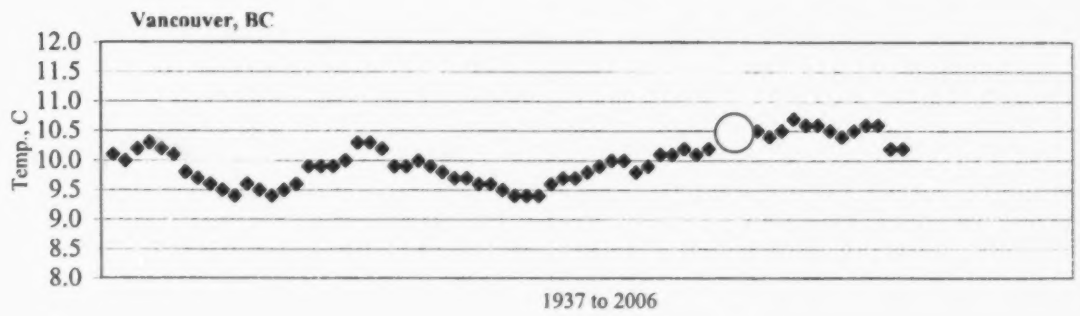

Vancouver, BC
Temp., C
12.0
11.5
11.0
10.5
10.0
9.5
9.0
8.5
8.0
1937 to 2006

Fig. 4. Annual air temperatures at 5 locations along the Baffin - Labrador Atlantic coast and Ungava Bay. Values shown represent 7 year moving averages. Open circle indicate 1991 as a reference point.

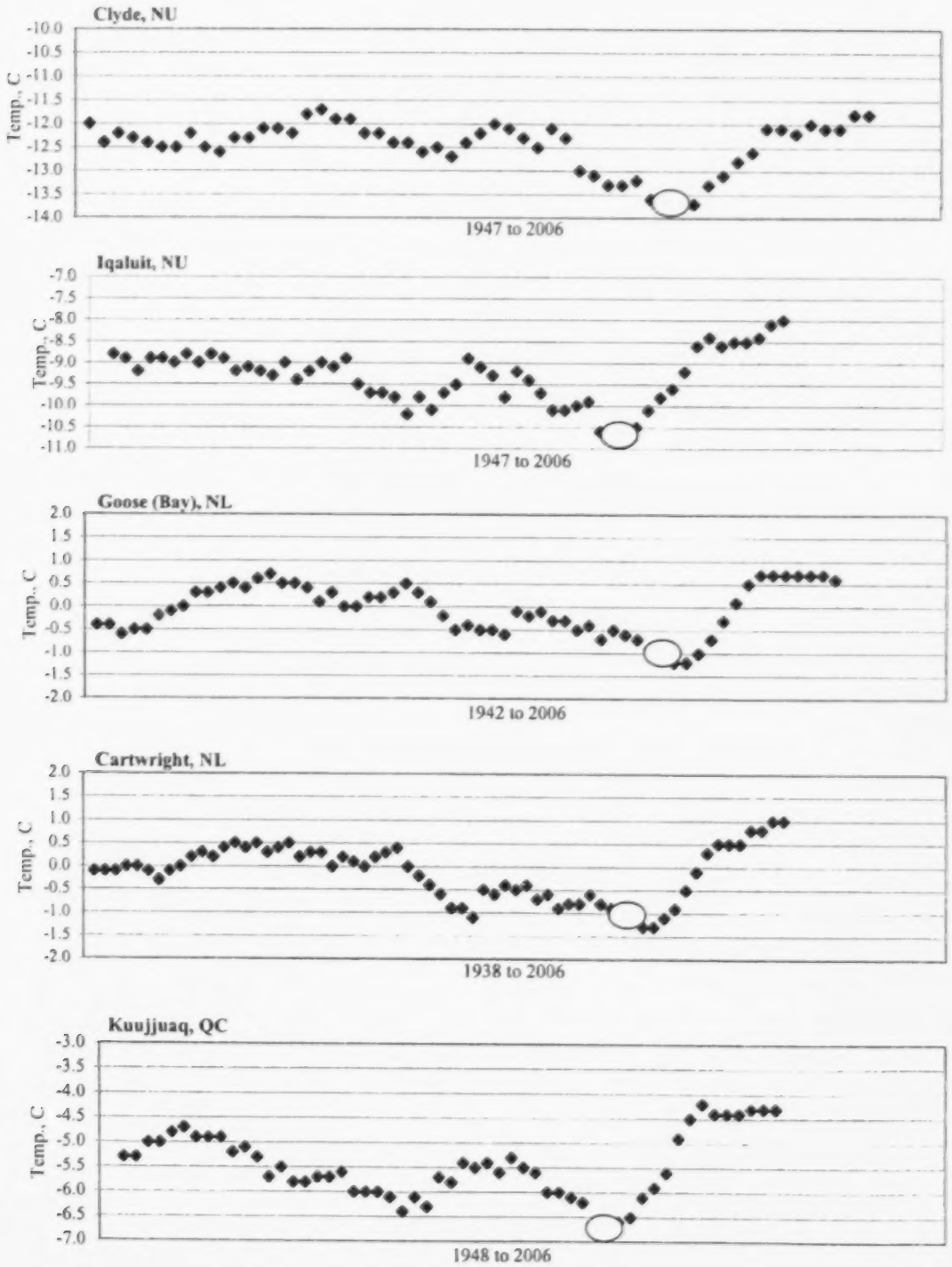


Fig. 5. Annual air temperatures at 4 locations in lower Hudson Bay. Values shown represent 7 year moving averages. Open circle indicate 1991 as a reference point.

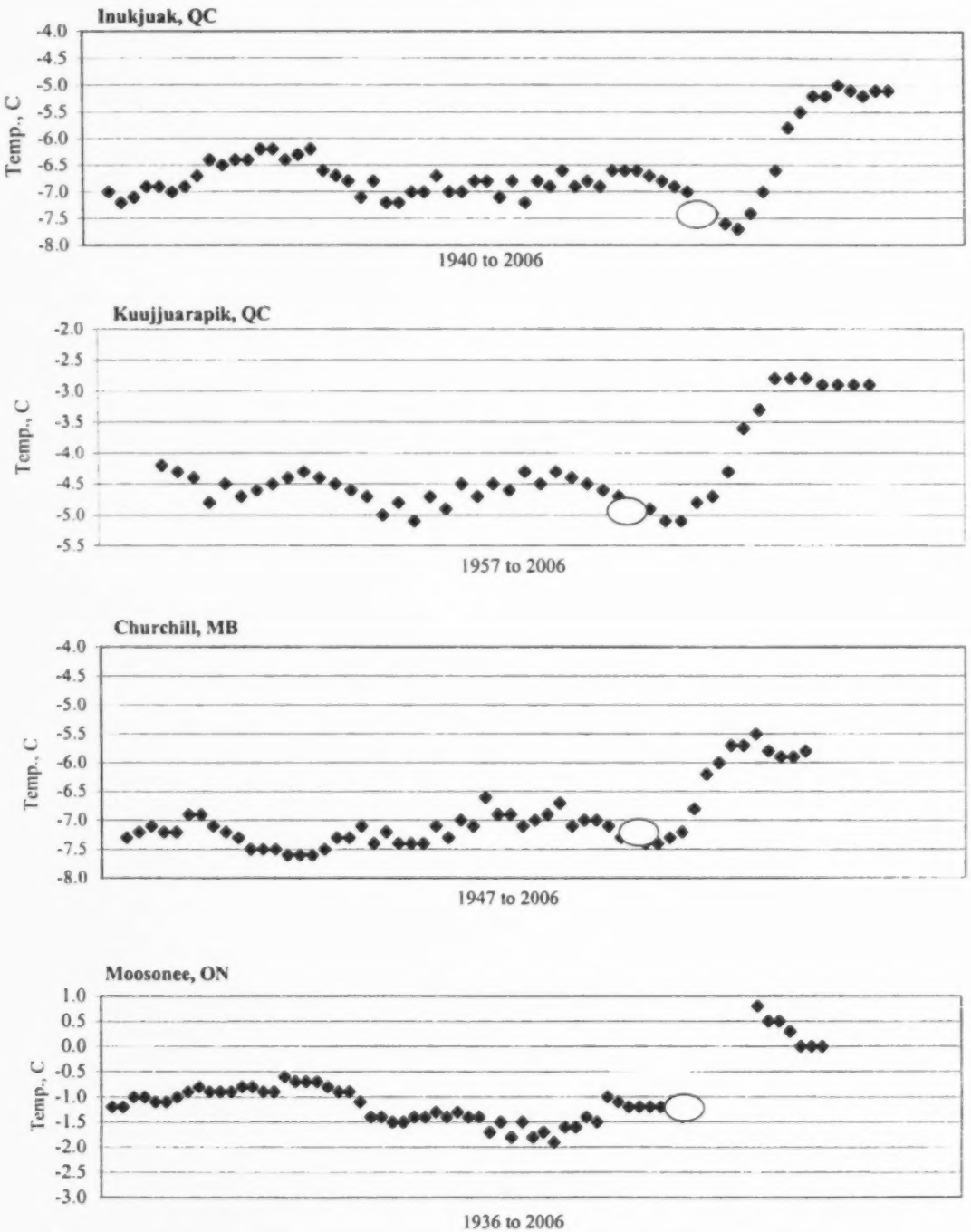


Fig. 6. Annual air temperatures at 6 locations in upper Hudson Bay area. Values shown represent 7 year moving averages. Open circle indicate 1991 as a reference point.

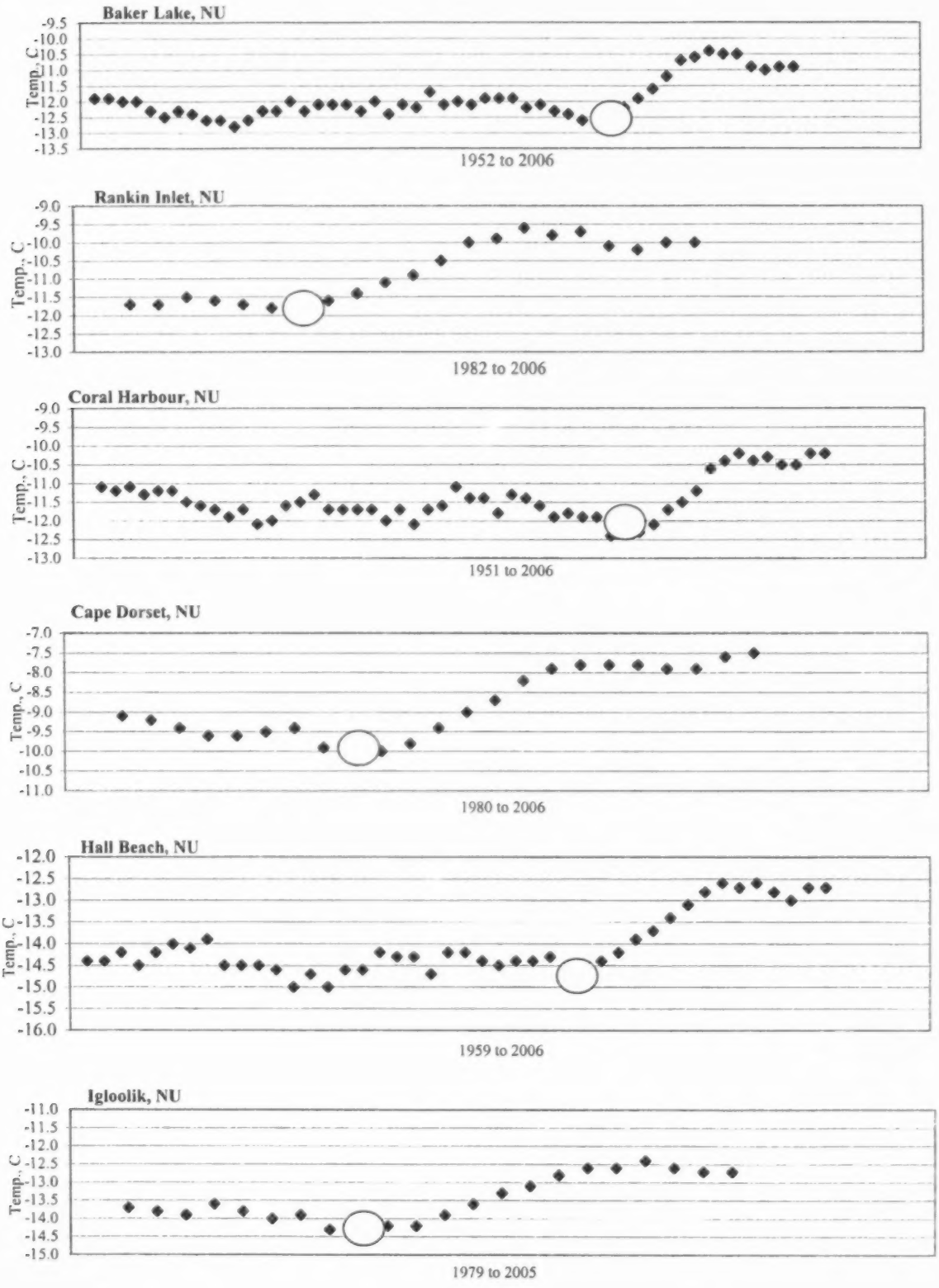


Fig. 7. Annual air temperatures at 5 locations in the western Arctic. Values shown represent 7 year moving averages. Open circle indicate 1991 as a reference point.

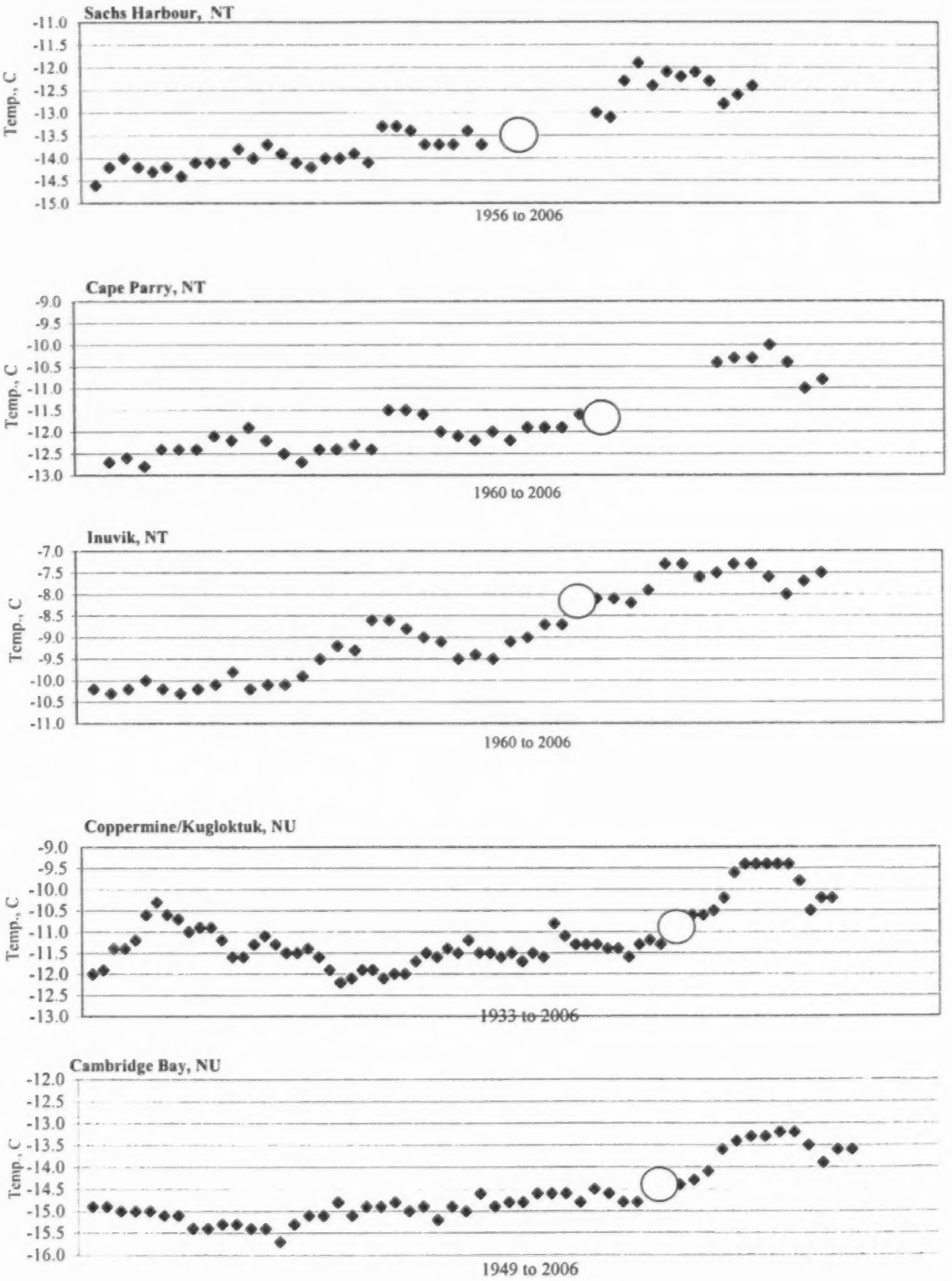
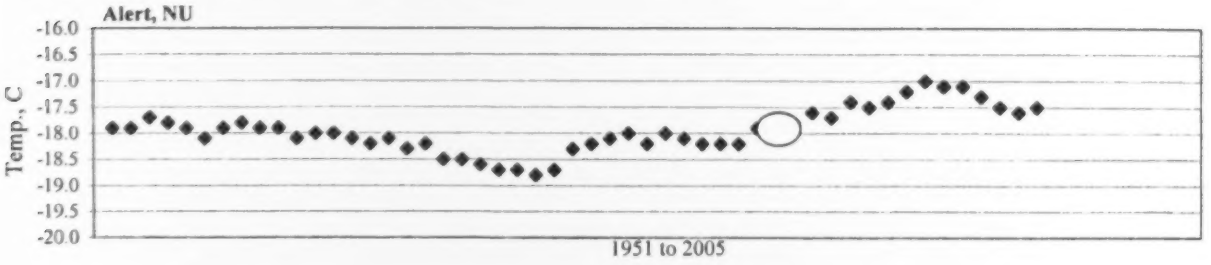
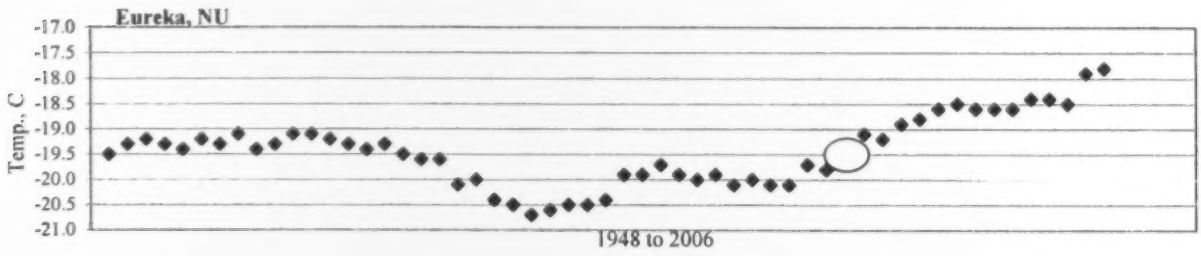
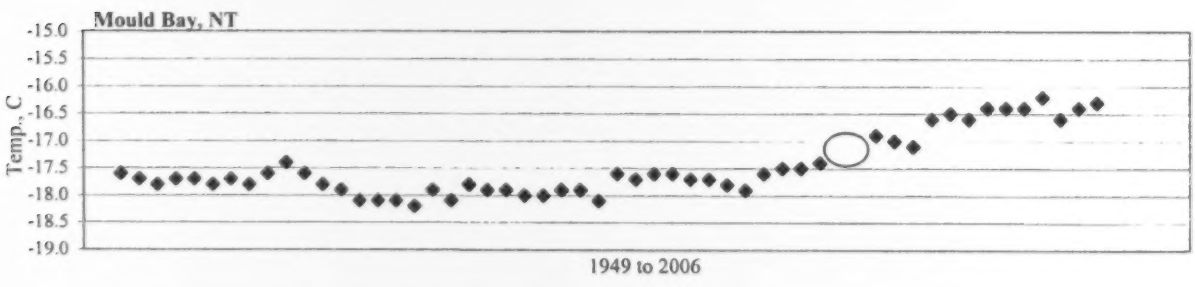
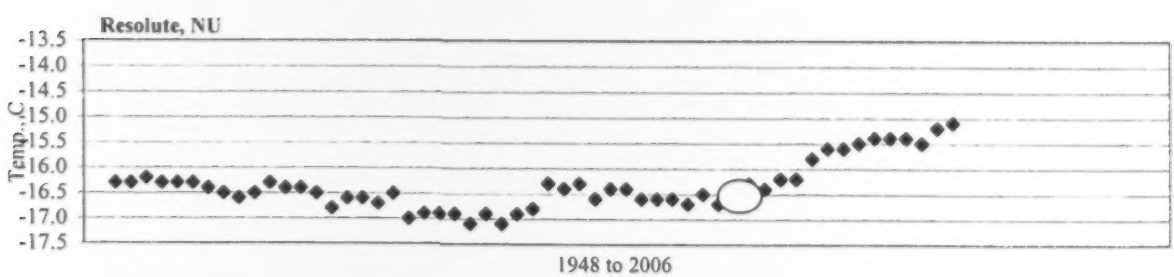


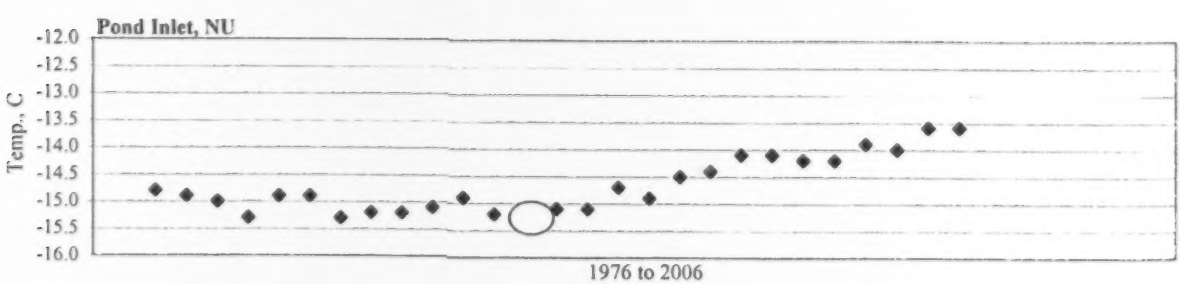
Fig. 8. Air temperatures at 5 locations in the high Arctic. Values shown represent 7 year moving averages. Open circle indicate 1991 as a reference point.











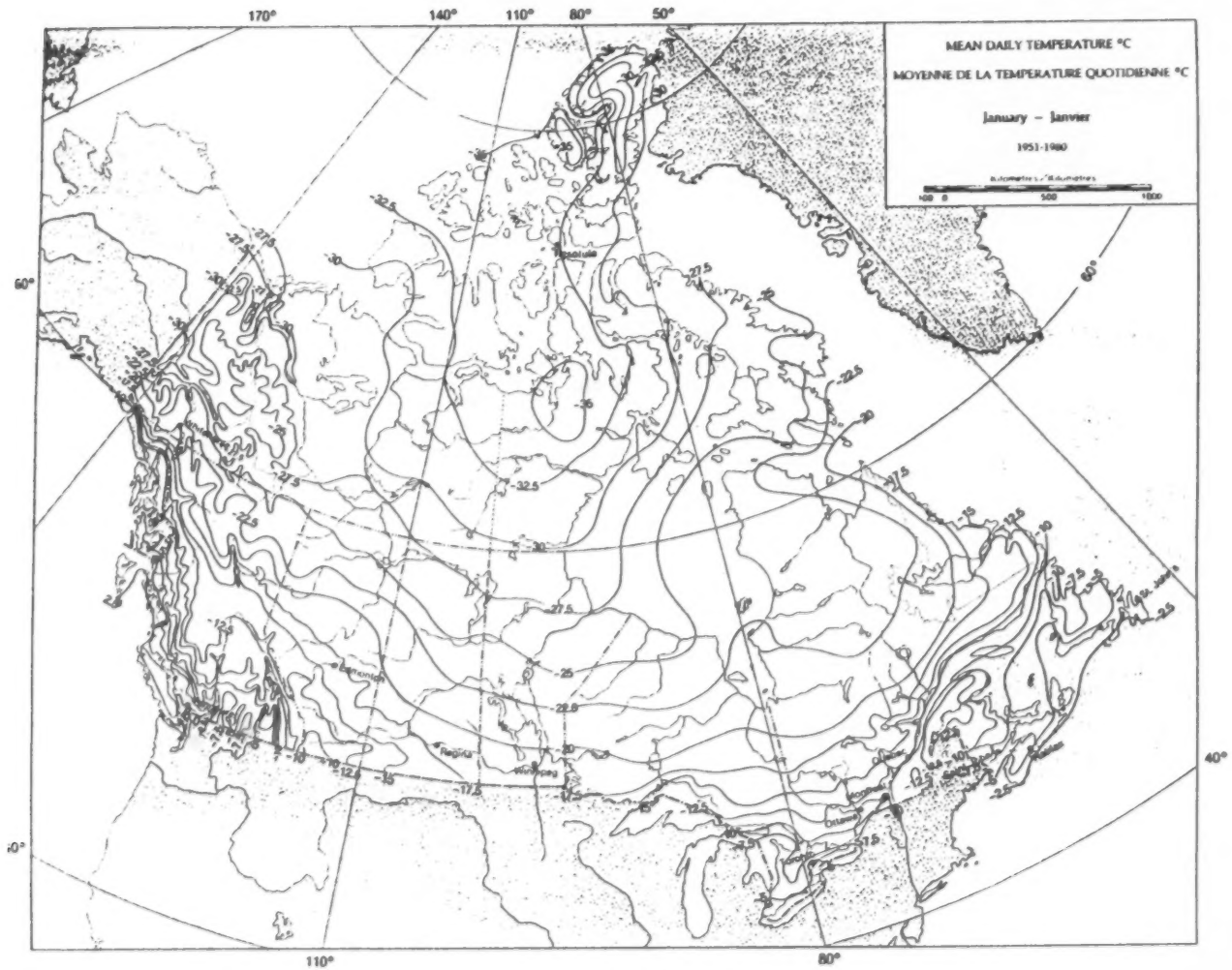


Fig. 9. January air temperature isotherms across Canada (Environment Canada 1984).

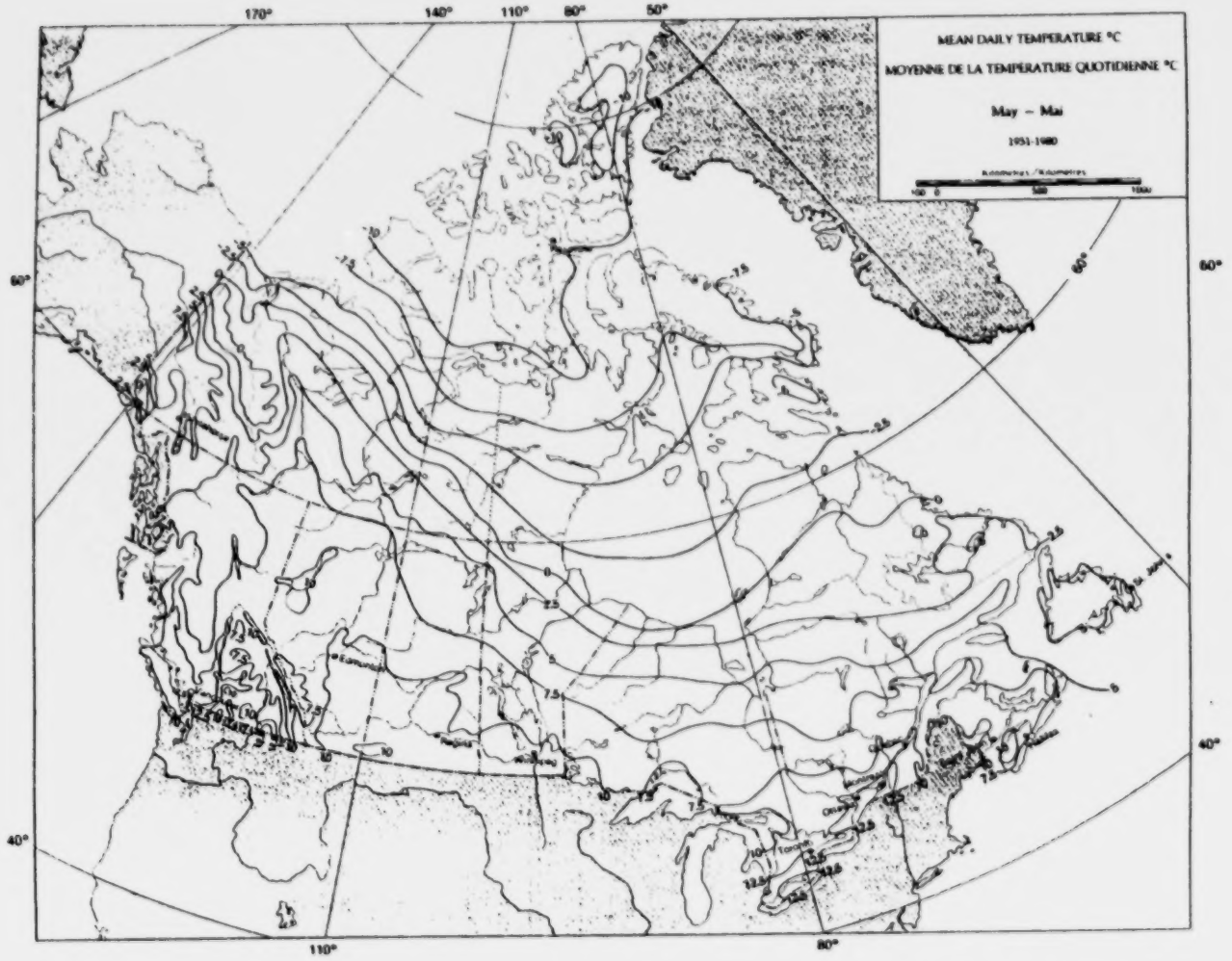


Fig. 10. May air temperature isotherms across Canada (Environment Canada 1984).

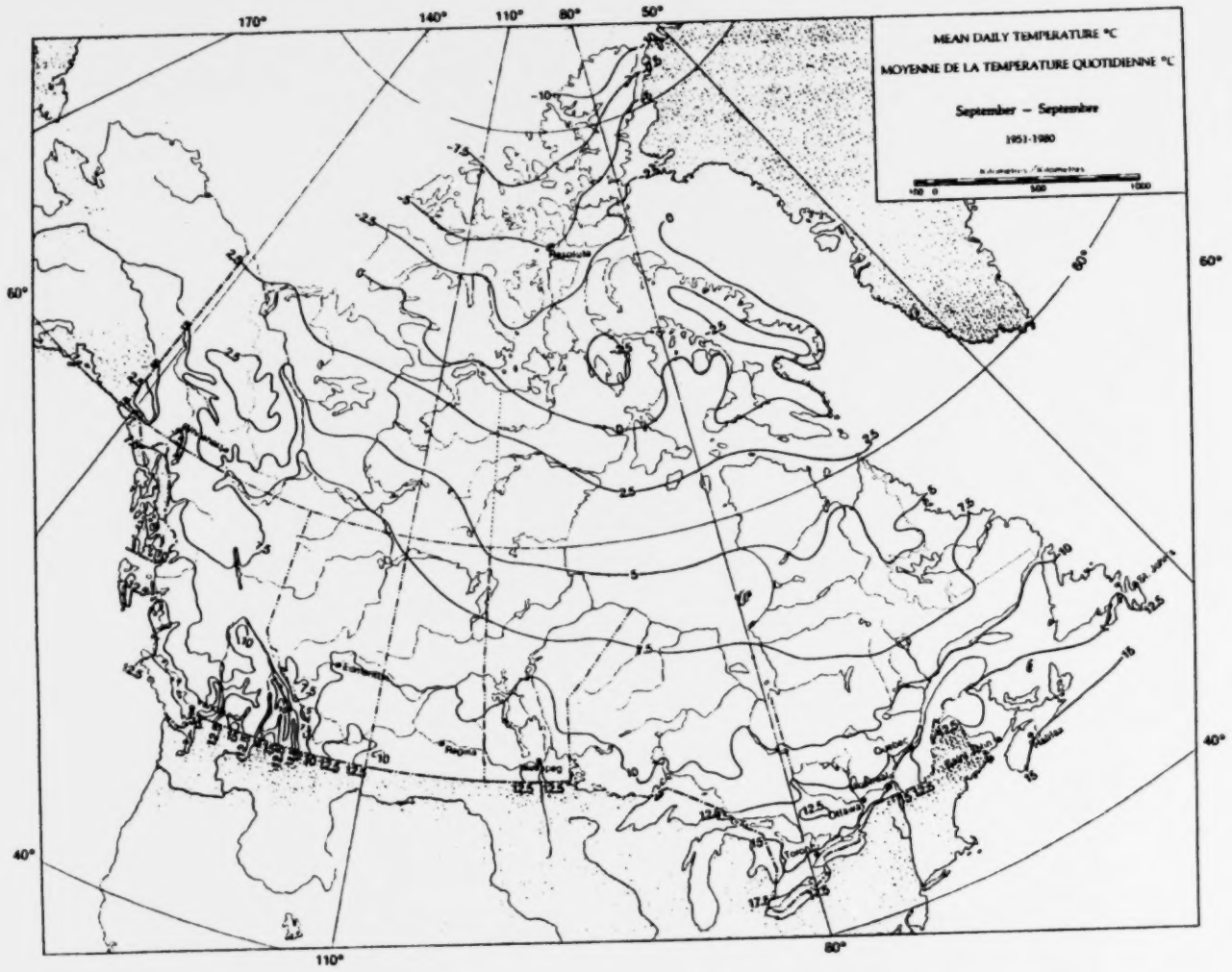


Fig. 11. September air temperature isotherms across Canada (Environment Canada 1984).

TEMPERATURE PATTERNS AND THE ARCTIC AQUATIC ENVIRONMENT

Variations in air temperatures that occurred across the Arctic within the last two decades can affect the biology of the region. Changes over a relatively short time span have increased the cod fishery near Godthaab fjord, west Greenland attributed to warmer waters during the 1930's (Dunbar 1946). Temperature increases at Hopen Island, Barents Sea resulted in a small increase in the number of vascular plants but a large turnover in species in the 1920's (Skye 1989). Reduced surface ice cover was the one of the first indicators of a changing environment, but it can take years to document biological changes.

Surface Ice Cover in Warmer and Colder Years

Studies have suggested ice cover in Hudson Bay could diminish due to temperature changes (e.g., Gough and Wolfe 2001). A retrospective analysis of long term observations on surface ice cover across the Arctic region was examined in this study to identify the extent of coverage and areas where cover was more persistent. Studies include Markham (1988) on seasonal ice distribution in Hudson Bay, and DIAND (1971) and Markham (1981) that reported conditions across most of the Arctic during warmer and colder periods.

Surface ice cover is generally reported in tenths, on a scale from 1 to 10, where 1 represents a trace of ice visible in water and 9 a trace of water visible in ice. Cover of 1 to 4 should be accessible to ice-going vessels, 4 to 7 could be difficult, and 7 to 10 could require assistance of an ice breaker (Lindsay 1981). Markham (1988) also used a dot (.) to indicate open water (0) and plus (+) to indicate only ice (10). Markham (1981) used zero (0) to indicate open water and f (fast ice) to indicate ice. DIAND (1971) used 5 levels of coverage that represented <20%, 20 to 40%, 40 to70% and >90% ice cover. Methods such as infra-red satellite imagery that was used to estimate ice cover may not adequately indicate ice thickness, therefore this study focussed on areas with little or no ice cover that should not impede vessel transit.

Hudson Bay area

Markham (1988) 7 day surface ice maps of the region were based on observations between 1978 and 1983 using infra-red satellite imagery. Median total ice concentrations for April 16, May 28, June 25, July 30, August 27 and September 24 were examined. The entrance to Hudson Strait and the entire Hudson Bay region was covered with ice during mid April and late May (Fig. 12). Surface cover was 7 to 10 in Hudson Strait and Hudson Bay in late June that rapidly changed to open water by late July, but cover of 5 to 9 still persisted in Foxe Basin (Fig. 13). Hudson Strait and Hudson Bay was ice free in late August through September except along western Foxe Basin (Fig. 14).

Additional bi-weekly maps from October 1 to mid December were also prepared to monitor freeze up. Ice cover >8 began to form in Foxe Basin in early October that gradually moved along the coast of Southhampton Island to the northwest coast of Ungava Peninsula in mid November. This cover should curtail vessel transits between Hudson Bay and Hudson Strait. Much of Hudson Bay, Hudson Strait remained ice free or low ice cover until early December, but was ice covered by mid to late December.

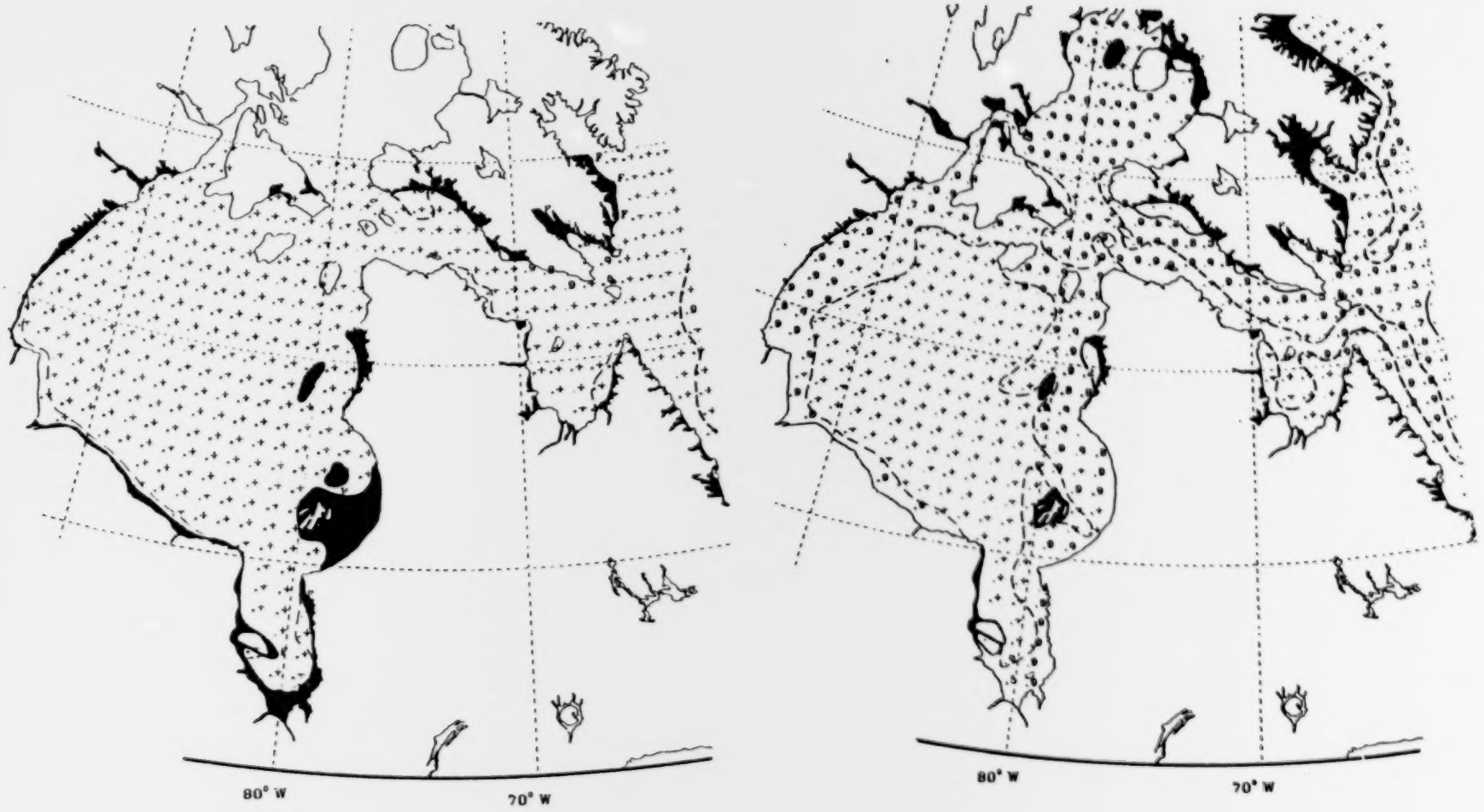


Fig.12. Composite 1978 to 1983 surface ice cover in Hudson Bay area in mid-April (left) and late May (right). Ice cover reported as "ten tenths", plus (+) indicate total cover. (From Markham 1988).

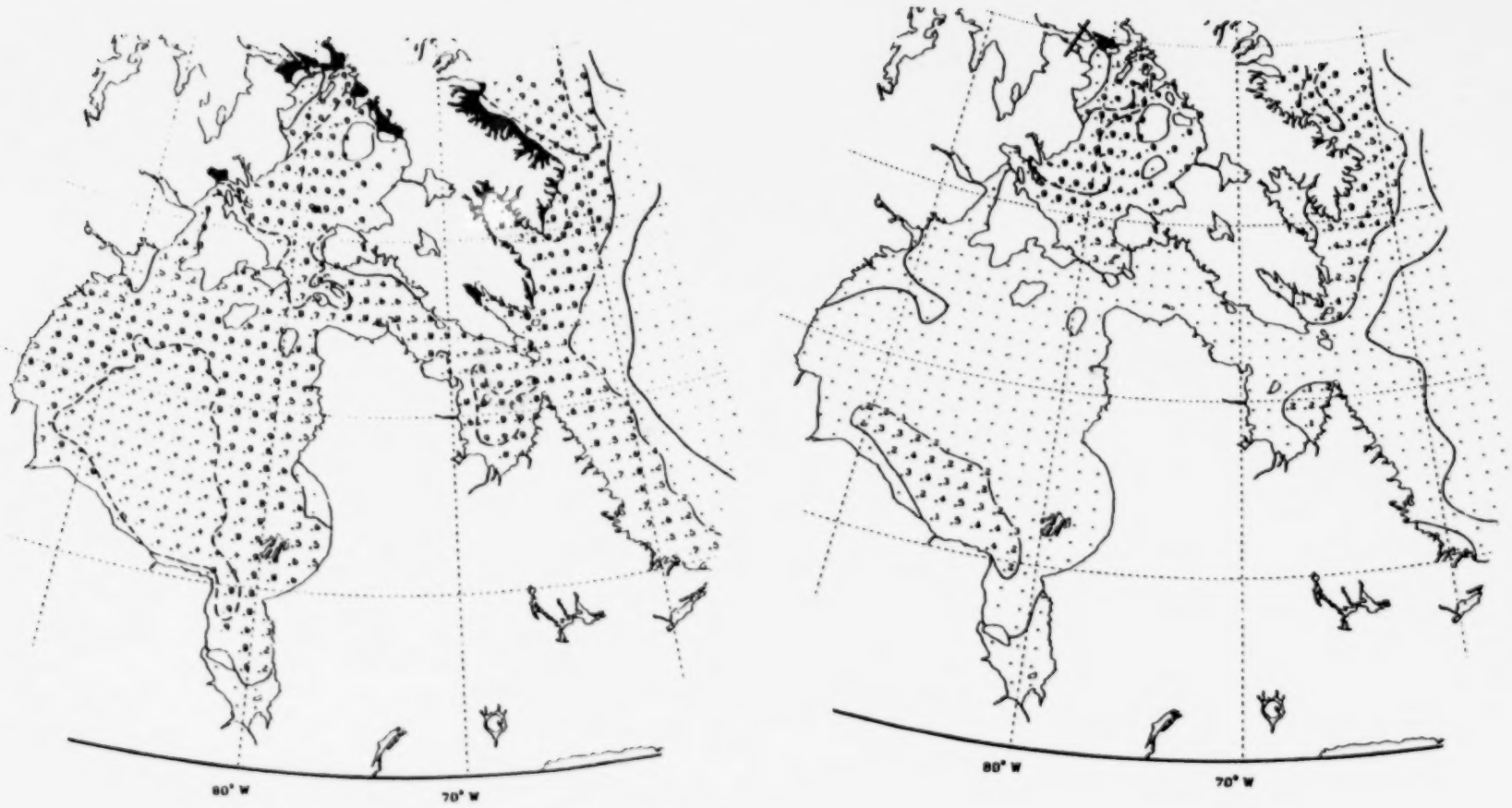


Fig.13. Composite 1978 to 1983 surface ice cover in Hudson Bay area in late June (left) and late July (right). Ice cover reported as "ten tenths", dot (.) indicate open water. (From Markham 1988).

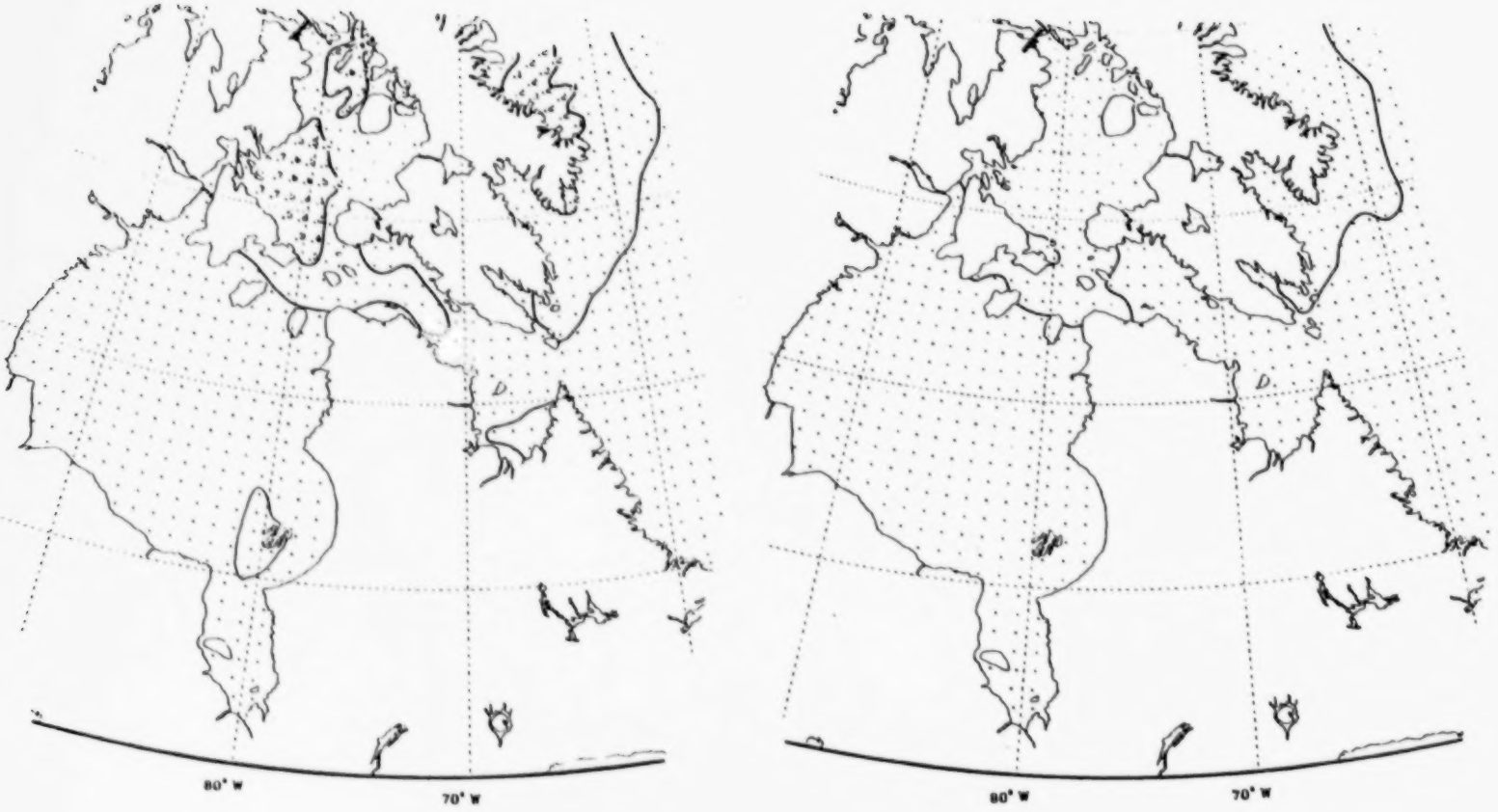


Fig.14. Composite 1978 to 1983 surface ice cover in Hudson Bay area in late August (left) and late September (right). Ice cover reported as "ten tenths", dot (.) indicate open water. (From Markham 1988).

Arctic region

DIAND (1971) prepared two maps on surface ice cover on the extent and percent of cover during "severe" and "mild" summers across the region (Figs. 15, 16). No information was reported on when or how these observations were made. Large differences in north – south movement of ice cover was evident between these periods. A 40 to 70% ice cover was found Baffin Bay during a severe summer, but cover was less than 20% during a mild summer. More importantly, cover over 90% extended within 100 km of the coastline of mainland Canada along 100° West longitude during a severe summer, but remained 1,000 km north above Bathurst Island during a mild summer.

Markham (1981) prepared 7 day surface ice maps across Canada from May to October 1959 to 1974 using infra-red satellite imagery. Maximum and minimum reported ice conditions (aggregate) maps for May 21, June 18, July 16, August 20, September 17 and October 22 were examined (Figs. 17 to 22). Differences in surface ice cover and expansion were similar to those reported by DIAND (1971) between May and September during maximum and minimum ice conditions (Table 21). Monthly reports during minimum ice conditions indicated a rapid decline in cover in eastern Parry Channel, and little or no ice in northern Baffin Basin and along the west coast of Greenland in May (Fig. 17). This can be due to the warmer and deeper West Greenland Current moving north, then south along the coast of Ellesmere and Baffin Islands. Part of this current will also move west into Lancaster Sound along its north shore which could account for the early decline in ice cover in the eastern entrance of Parry Channel (DIAND 1982).

Both studies indicated narrow waterways between islands retained ice cover longer than more open waters. This would reduce the navigation season for vessels using Peel Sound, M'Clintock Channel and Prince of Wales Strait to move between Parry Channel and the western leg on the Northwest Passage (DIAND 1971). The eastern section of the Queen Maud Gulf to Amundsen Gulf waterway had 20 to 40 % ice cover, and the central and western sections had less than 20% (Fig. 16). The series of maps by Markham (1981) did not include most of this area to indicate surface ice conditions during minimum ice cover. Seasonal surface ice conditions across the Arctic were reported by other studies with similar results. These include charted surface ice from April to October between 1975 and 1978 (Lindsay 1981), and composite surface ice cover from March to November between 1958 and 1977 (Fisheries and Environment Canada 1978).

Air temperatures that occurred when these surface ice conditions were reported were examined using the national annual air temperatures reported by Environment Canada (Table 17). Observations by Markham (1981) during 1959 to 1974 included a period when the average annual temperature was –0.2° C, 1972 was the coldest at –1.8° C, and 1960 the warmest at +0.6° C. The average temperature between 1990 and 2006 was +0.9° C, with 1992 the coldest at –0.1° C, and 2006 the warmest at +2.4° C. DIAND (1971) did not report the years of observations that included the severe and mild summers. Using 1970 as a reference, 3 of the 20 warmest years occurred before 1970 ranged from +0.7° to +1.0° C, while 11 of the 20 warmest years occurred after 1990 ranged from +0.5° to +2.5° C. These comparisons would suggest the extent of low surface ice cover during mild summer and minimum ice conditions reported by both studies should extend further north and likely persist longer due to comparable to recurring warmer periods with higher temperatures that has become more common in this region since the 1990's.

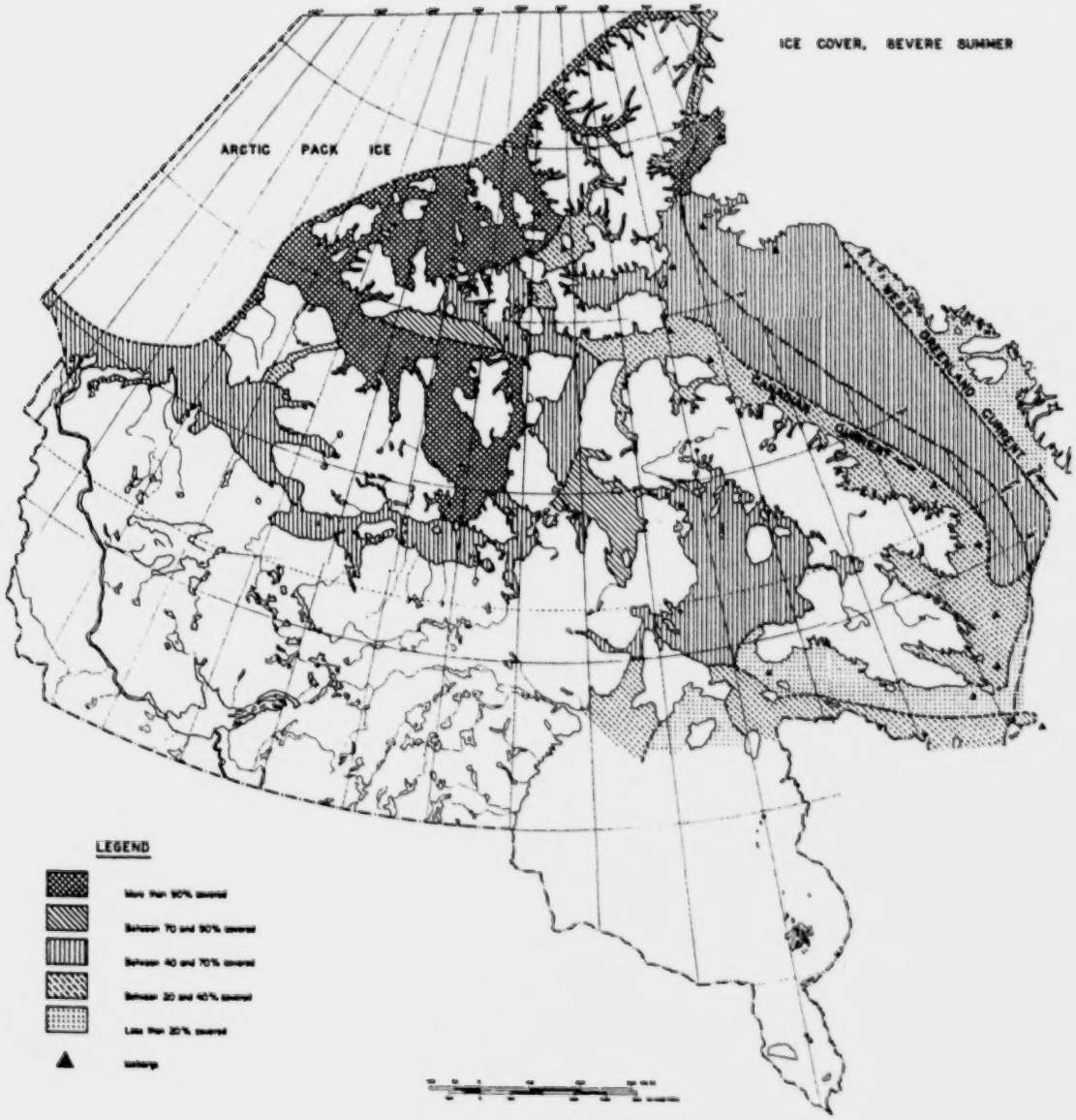


Fig. 15. Surface ice cover during a severe summer (DIAND 1971).

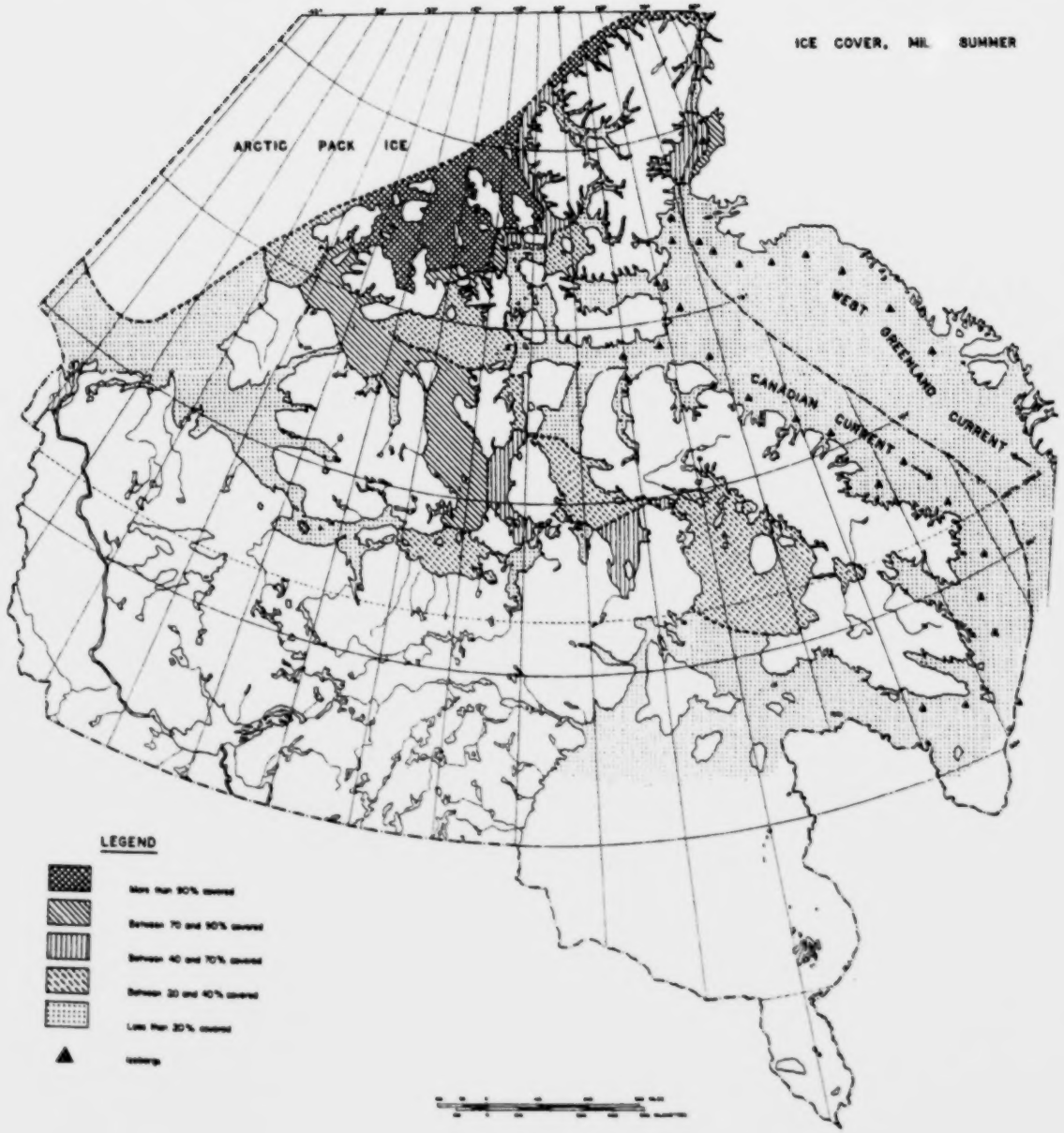


Fig. 16. Surface ice cover during a mild summer (DIAND 1971).

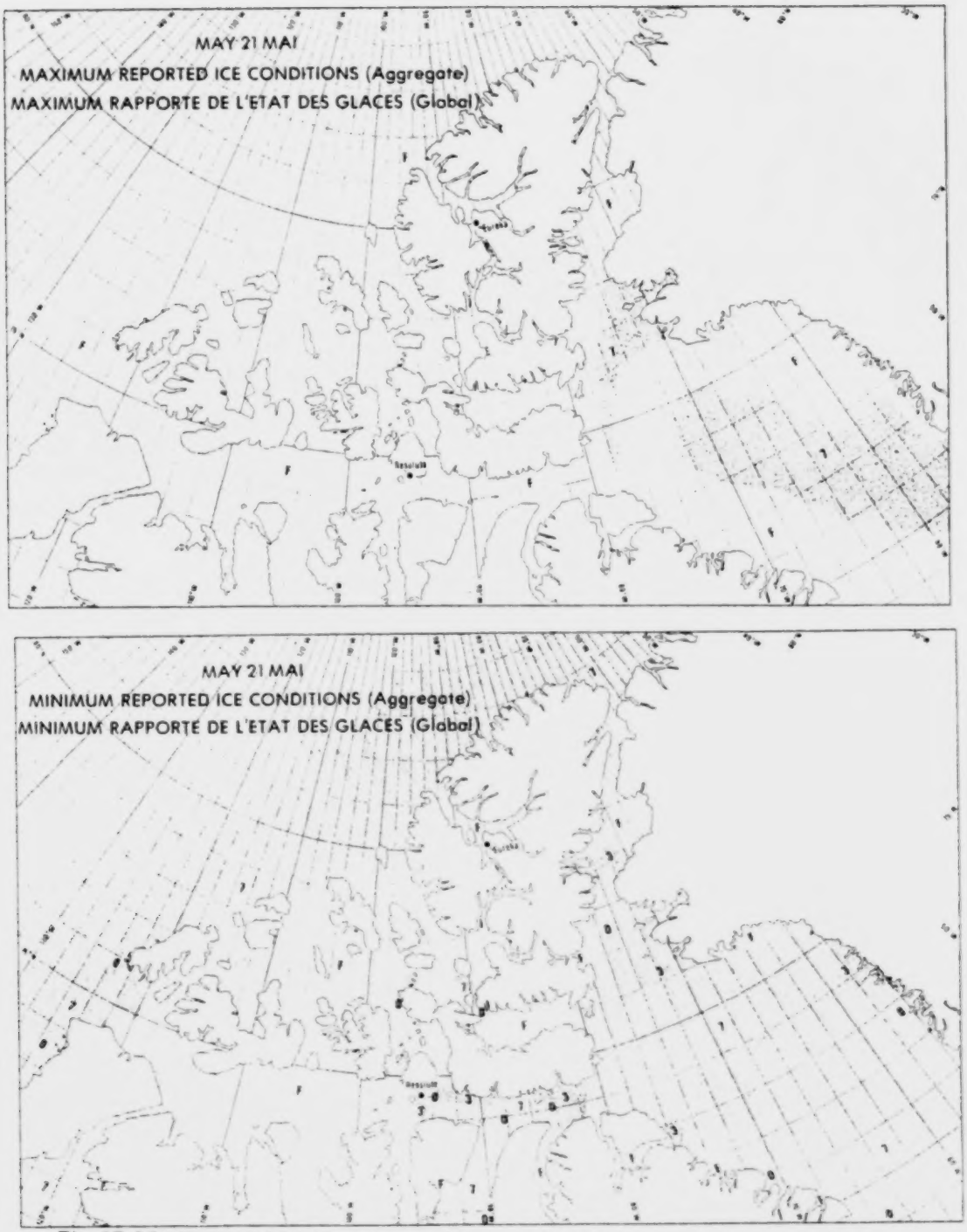

MAY 21 MAI
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
MAY 21 MAI
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)

Fig. 17. Maximum and minimum ice conditions on May 21 reported by Markham (1981).

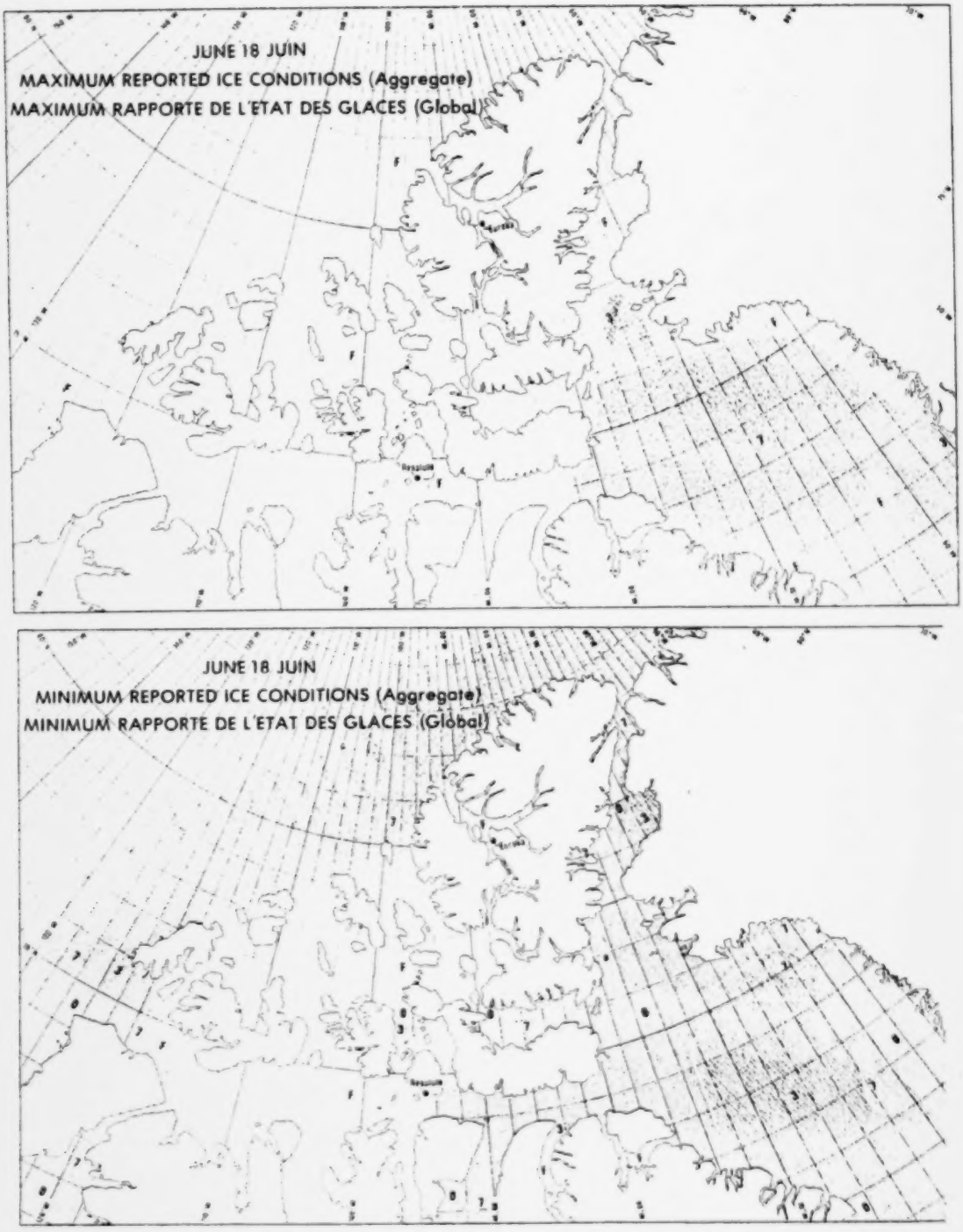

JUNE 18 JUIN
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
JUNE 18 JUIN
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)

Fig. 18. Maximum and minimum ice conditions on June 18 reported by Markham (1981).

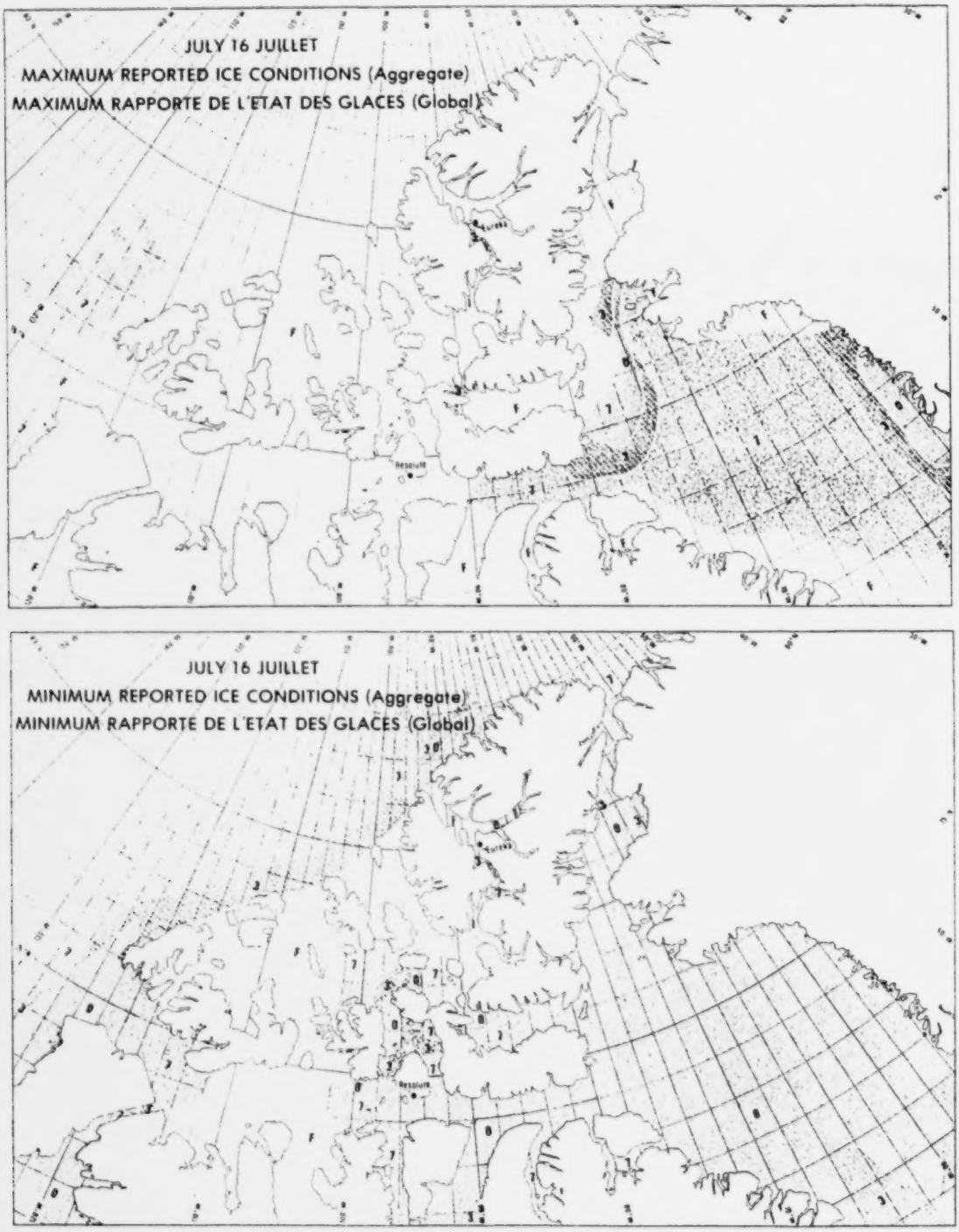

JULY 16 JUILLET
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute
JULY 16 JUILLET
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute

Fig. 19. Maximum and minimum ice conditions on July 16 reported by Markham (1981).

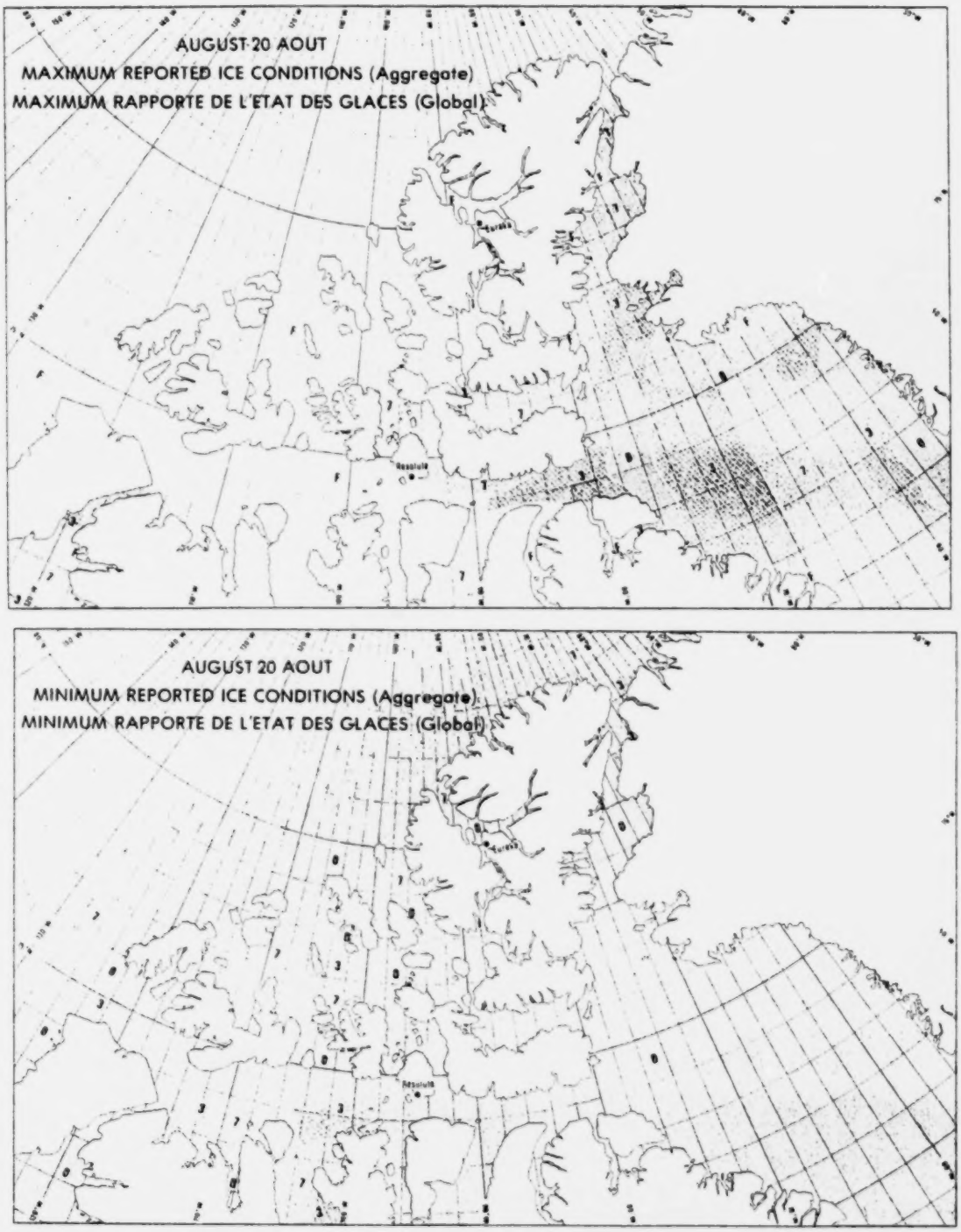

AUGUST 20 AOUT
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute
AUGUST 20 AOUT
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute

Fig. 20. Maximum and minimum ice conditions on August 20 reported by Markham (1981).

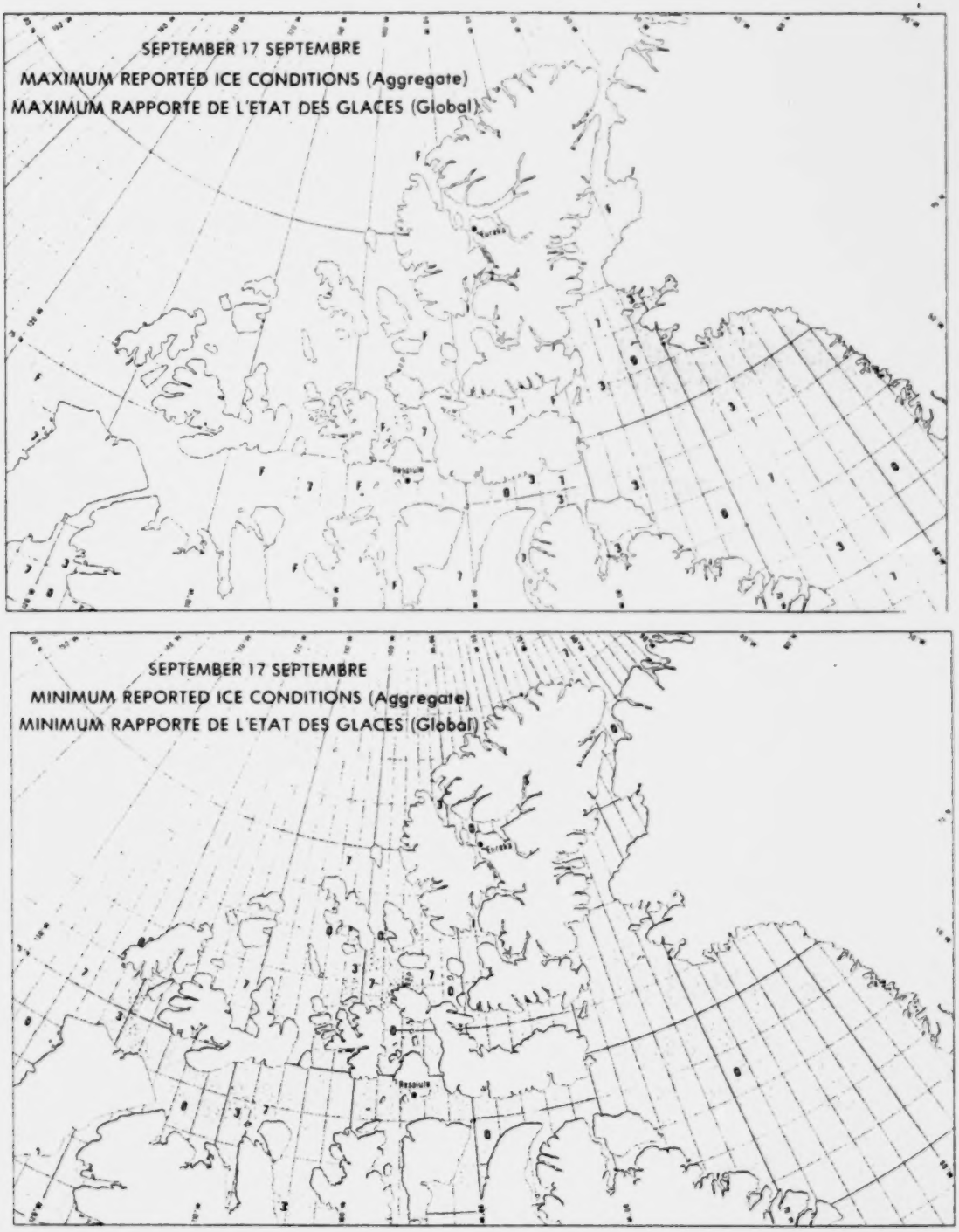

SEPTEMBER 17 SEPTEMBRE
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute
SEPTEMBER 17 SEPTEMBRE
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
Resolute

Fig. 21. Maximum and minimum ice conditions on September 17 reported by Markham (1981).

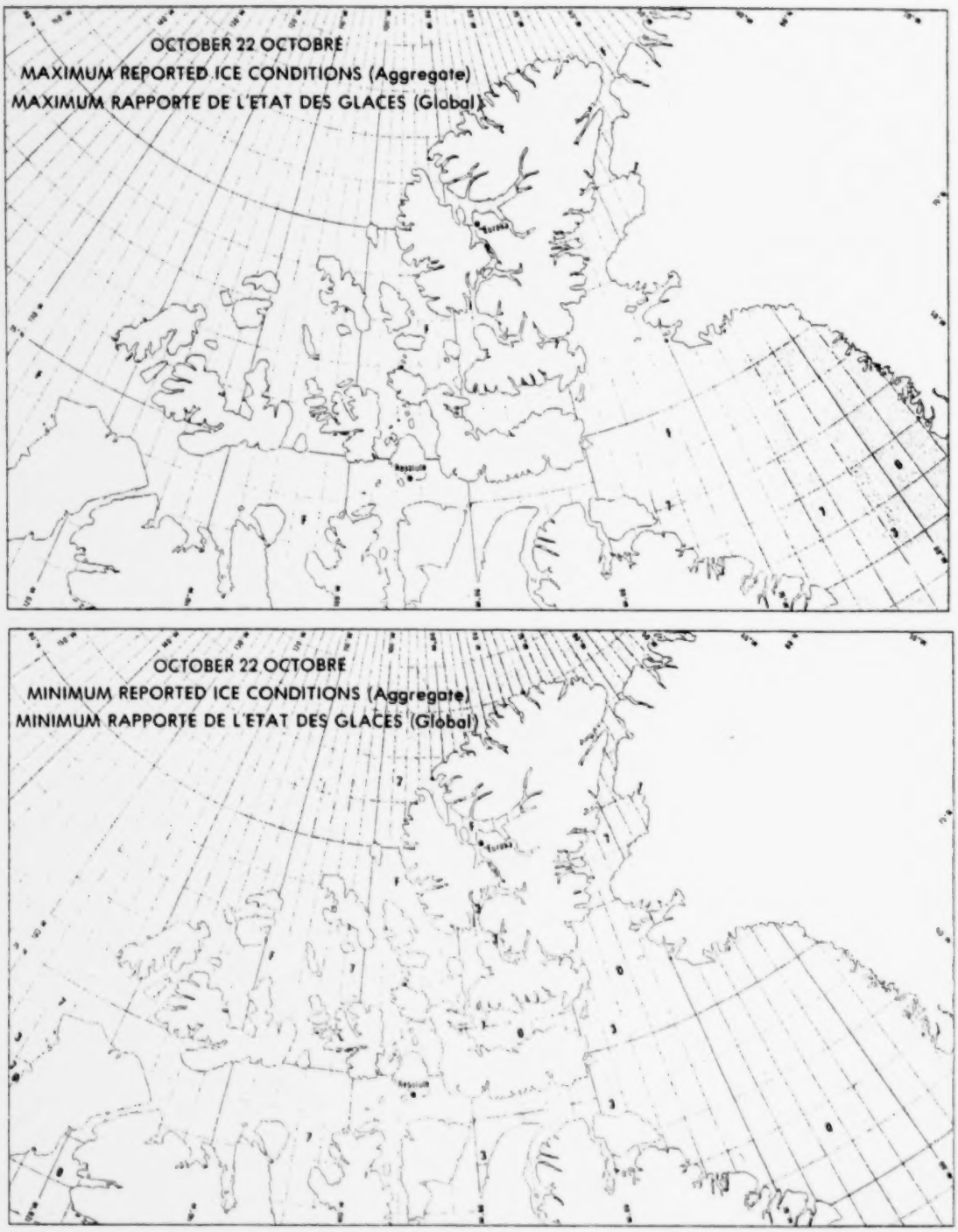

OCTOBER 22 OCTOBRE
MAXIMUM REPORTED ICE CONDITIONS (Aggregate)
MAXIMUM RAPPORTE DE L'ETAT DES GLACES (Global)
OCTOBER 22 OCTOBRE
MINIMUM REPORTED ICE CONDITIONS (Aggregate)
MINIMUM RAPPORTE DE L'ETAT DES GLACES (Global)

Fig. 22. Maximum and minimum ice conditions on October 22 reported by Markham (1981).

Table 21. Surface ice cover in Hudson Bay and the Arctic region during periods of warmer and colder summers by DIAND (1971) and seasonally between May and October by Markham (1981). Ice cover reported on a 1 to 9 scale (Lindsay 1982).

Hudson Bay Region	
Severe summer (DIAND 1971)	Mild summer (DIAND 1971)
Hudson Strait: Eastern <2, Western 2 to4.	Hudson Strait: 0
Hudson Bay access: 2 to 4	Hudson Bay access: <2
Foxe Basin: 4 to7	Foxe Basin: 7 to 9.
Hudson Bay: 0	Hudson Bay: 0
East of 100* West longitude, excluding Hudson Bay region	
Severe summer (DIAND 1971)	Mild summer (DIAND 1971)
Baffin Bay: 4 to 7	Baffin Bay: <2
Parry Channel: Eastern 2 to 4, Central 4 to 7	Parry Channel: <2
Peel Sound: >9.	Peel Sound: Upper 2 to 4, lower 4 to 7
Queen Maude Gulf: 4-7	Queen Maude Gulf: 2 to 4
Maximum ice conditions (Markham 1981)	Minimum ice conditions (Markham 1981)
Baffin Bay: Ma, Jn, Ju, Au, Oc >7; Se ~4	Baffin Bay: Ma 7, Jn ~3 , Ju, Au, Se, Oc <2
Parry Channel: Ma, Jn, Ju, Au, Oc >7, Se <7	Parry Channel: Ma, Jn, Ju >8, Au, Se <7; Oc >8.
Peel Sound: Ma, Jn, Ju, Au, Se, Oc >9	Peel Sound: Ma, Jn >9, Ju 7, Au, Se <1, Oc ~3
West of 100* West longitude	
Severe summer (DIAND 1971)	Mild summer (DIAND 1971)
Above 75° N. latitude: >9.	Above 75° N. latitude >9
Parry Channel: 7 to 9.	Parry Channel: 2 to 4 east, 7 to 9 west.
M'Clintock Ch., Prince of Wales St: >9, 2 to 4.	M'Clintock Ch., Prince of Wales St: 7 to 9, <2
Queen Maude Gulf ↔ Amundsen Gulf: 4 to 7.	Queen Maude Gulf ↔ Amundsen Gulf. <2 to 4
Maximum ice conditions (Markham 1981)	Minimum ice conditions (Markham 1981)
Above 75° N. latitude: Ma, Jn, Ju, Au, Se, Oc >8	Above 75° N. latitude: Ma, Jn, Ju >8; Au, Se <7, Oc >7
Parry Channel: M, Jn, Ju, A, S, O >8	Parry Channel: Ma, Jn >8, Ju >7, Au, Se <3, Oc 7
M'Clintock Ch., Prince Wales St: Ma, Jn, Ju, Oc >9, Au, Se <7	M'Clintock Ch., Prince Wales St. Ma, Ju >9, Ju <7, Au, Se, Oc 0

Increase in Vessel Transits in the Region

Recent temperature patterns and reduced surface ice can increase vessel access to Arctic waters but this may not result in a substantial increase in vessel activity based on present needs in the region. Most of the domestic and overseas transits within and between the coldwater and other regions were largely in support of subsistence programs. Development of natural resources could increase vessel transits because of the logistics required to move large cargo volumes from remote areas. Statistics Canada data base reported several movements of base metal products from Cornwallis Island and Deception Bay to domestic and international ports. Further development of mining and other resources could be stimulated by the prospects of a longer navigation season. This could increase vessel transits in a region where more cargo volume could be exported than imported.

Mining activities that recently ceased, are ongoing, or are under consideration along North American Arctic waters includes:

Polaris Mine was a zinc mine on Little Cornwallis Island that shipped ore to domestic and international ports. This mine was decommissioned in 2002 (www.teckcominco.com., accessed May 24, 2007).

Nanisivik was zinc, lead and silver mine near Arctic Bay that opened in 1974 and closed in 2002.

Raglan Mine in the Ungava region opened in 1997 with 30 year reserves of nickel and copper. Ore is shipped from Deception Bay to Quebec ports during the 6 to 8 months shipping season (www.infomine.com., accessed 18, April, 2007).

Voisey's Bay mine in Labrador opened on the 2005. This nickel, copper and cobalt mine has up to 150 million tonnes of reserves. About 17 trips are planned annually to transport the concentrate to domestic ports (www.vbnc.com accessed 17 April, 2007).

Red Dog Mine is located near Kotzebue, AK on the Chukchi Sea. Some zinc ore is transported to mills in British Columbia. Production began in 1990, and mine life expected to be 23 years. Shipping season runs from July to October (www.tekcominco.com., accessed 18, April, 2007).

Mary River iron ore mine on northern Baffin Island could start production within several years. Mine life expected to be 34 years with an annual production of 10 million tonnes. Ore could be shipped to international ports like Rotterdam from Milne Inlet, or transported on land to Steensby Inlet in Foxe Basin for shipment (www.baffinland.com., accessed April 26, 2007.

Lupin Mine near Kugluktuk is under development with compliant resource of 14 million tonnes of copper, lead and zinc (www.woldenresources.com., accessed May 24, 2007).

High Lake near Kugluktuk is under consideration with compliant resource of 17 million tonnes of copper, lead and zinc. A deepwater port in Coronation Gulf is considered (www.woldenresources.com., accessed May 24, 2007).

The Natural Resources Canada website (www.gsc.nrcan.gc.ca/mindepd/map/index., accessed May 25, 2007) identified major mineral deposits of Canada. Relatively little is known about deposits along most of the northern coast and large offshore islands at the higher latitudes. Mineral deposits were identified along the coast of Labrador and the Ungava Peninsula (VMS), western coast of Hudson Bay (VMS, Ni-CU-PGE), and southern coast of Coronation Gulf (VMS, MVT, IOGG). A large number of offshore petroleum exploration permits were issued in the Baffin Bay and Beaufort Sea area (e.g., Fisheries and Environment Canada 1978, DIAND 1982).

Transportation Corridors in Arctic Waters

Continuing temperature patterns across the Arctic can result in vessel transit corridors in the eastern and western waters and possibly another across the Canadian Arctic. Reduced surface ice cover in northern Hudson Bay will increase vessel transits to this area particularly to the Port of Churchill. The risk of vessel related exotic species introductions to this area will increase because of the location of the alternate ballast exchange zone in Hudson Strait. Vessels that enter this region to pick up grain and potentially other ports in the area to pick up bulk cargo like base metal concentrates should be carrying large volumes of ballast. If petrochemicals from Murmansk is transported to Churchill, that would result in ballast from Canadian nearshore waters would be transported to coldwater ports in western Russia.

Vessel transits in western Arctic waters could increase as ice cover decrease along the coast of Alaska and Canada. Visits by vessels with ballast to base metal mines along Coronation Gulf area will increase the risk of exotic species introductions because of variety of habitats found in shallow waters along the coast between Amundsen Gulf and Queen Maude Gulf. Most could arrive from Pacific rim ports because passage through the north-south leg of the Northwest Passage could remain questionable due to surface ice cover along narrow passages.

The probability of Parry Channel being used as west – east corridor will depend on the effects of temperature on ice cover in the western section (Fig. 16). This channel can become an important international route because its size. Reduced surface ice in Parry Channel should result in similar or greater reductions along the coast of eastern Russia. The proximity of the Arctic pack ice the western Amundsen Gulf and Parry Channel would also influence the potential location of an alternate ballast water exchange zone in the region.

Waters in the Siberian and Chukchi Seas currently have a longer seasonal navigation and this will increase the risk of exotic species introductions from one coldwater area to another if similar changes occur in southwestern Beaufort Sea. These and other issues raised in this report were discussed at a 2004 workshop on the future of marine transport in the Arctic (Brighton and Ellis 2004).

REFERENCES

Aiken, S.C., Dallwitz, M.J., Consaul, L.L., McJannet, C.L., Gillespie, L.J., Boles, R.L., Argus, G.W., Gillett, J.M., Scott, P.J., Elven, R., LeBlanc, M.C., Brysting, A.K., and Solstad, H. 1999 onwards. Flora of the Canadian Arctic Archipelago: descriptions, illustrations, identification, and information retrieval. Version: 29th April 2003. www.mun.ca/biology/delta/arcticf (accessed 14 May, 2007).

Aitken, A.E., and Gilbert, R. 1996. Marine mollusca from Expedition Fiord, western Axel Heibeg Island, Northwest Territories, Canada. Arctic, 49: 29-43.

Aquatic Sciences Inc. 1996. Examination of aquatic nuisance species introductions to the Great Lakes through commercial shipping ballast water and assessment of control options. Phase I and phase II. St. Catherines, ON.

Atlas of the Arctic.1985. Hydrometerology Office, Cartographic Department, Moscow [In Russian]

Atlas of Canada.1981.The Readers Digest (Canada), Charlottetown, PE.

Atlas of Canada and the world. 1997. Key Porter Books, Toronto, ON.

Atlas of the polar regions. 1985. Jones and Bartlett Publ. Inc., Boston, MA.

Atlas of the world. 1998. Hammond Inc., Maplewood, NJ.

Barber, W.E., Smith, R.L., Vallarino, M., and Meyer, R.M. 1997. Demersal fish assemblages of the northeastern Chukchi Sea, Alaska. Fish. Bull. 95: 195-209.

Binkley, A. 2007. Canada has no objection to Russian-proposed Churchill-Murmansk link. Canadian Sailings, March 12, 2007, p. 21.

Bio-Environmental Services Ltd. 1981. The presence and implication of foreign organisms in ship ballast waters discharged into the Great Lakes. Vols. 1 and 2. Georgetown, ON.

Brickman, D., Petrie, B.D., and Smith, P.C. 2004. Assessing ballast water exchange zones on the Scotian Shelf and Gulf of Maine, 2004. Fisheries and Oceans Canada, Canadian Science Advisory Secretariat, Ottawa, ON. Research Document 2004/119. 50 p.

Brighton, L., and Ellis, B. (eds.) 2004. Arctic marine transport workshop. September 28-30, 2004, Cambridge University, UK. 56 p.

Carey, Jr., Castillo, A.G. and Dikinson, J.J. 1975. Benthic ecology of the western Beaufort Sea continental margin: preliminary results. *In* The Coast and Shelf of the Beaufort Sea. Edited by J.C. Reed and J.E. Sater. Arctic Institute of North America, Calgary, AB. pp. 665-680.

Carlton, J.T., Reid, D.M., and van Leeuwen., H. 1995. The role of shipping in the introduction of nonindigenous aquatic organisms to the coastal waters of the United States (other than the Great Lakes) and an analysis of control options. Williams College, Mystic, CT. Report CG-D-11-95.

Carmack, E.C., and Macdonald, R.W. 2002. Oceanography of the Canadian shelf of the Beaufort Sea: a setting for marine life. Arctic, 55, Supp. 1: 29-45.

Chu, K.H., Tam, P.F., Fung, C.H., and Chen, Q.C. 1997. A biological survey of ballast water in container vessels entering Hong Kong. Hydrobiologia, 352: 201-206.

Cohen, S.J. 1997. What if and so what in northwest Canada: could climate change make a difference to the future of the Mackenzie Basin? Arctic, 50: 293-307.

Colautti, R.I., Niimi, A.J., Overdijk, C.D.A., Mills, E.L. Holeck, K., and MacIsaac, H.J. 2003. Spatial and temporal analysis of transoceanic shipping vectors to the Great Lakes. *In* Invasive species: vector and management strategies. Edited by G.M. Ruiz and J.T. Carlton. Island Press, Washington, DC. pp. 227-246.

Couper, A. (ed.) 1983. The times atlas of the oceans. Van Nostrand Reinhold Co., New York, NY.

Craig, P.C., Griffiths, W.B., Haldorson, L., and McElderry, H. 1982. Ecological studies of Arctic cod (*Boreogadus saida)* in Beaufort Sea coastal waters, Alaska. Can. J. Fish. Aquat. Sci. 39: 395-406.

Department of Indian Affairs and Northern Development (DIAND). 1971. Charts information and activity Canada North of 60°. Ottawa, ON.

Department of Indian Affairs and Northern Development (DIAND). 1982. The Lancaster Sound region. Data atlas. Ottawa, ON.

Dobbs, F.C., and Rogerson, A. 2005. Ridding ships' ballast water of microorganisms. Environ. Sci. Tech. 39: 259A-264A.

Dow, K., and Downing, T.E. 2006. The atlas of climate change. Myriad Editions, Ltd., Brighton, UK. 112 p.

Dunbar, M.J. 1946. The state of West Greenland Current up to 1944. J. Fish. Res. Bd. Can., 6: 460-471.

Dunbar, M.J. 1954. The amphipod crustacean of Ungava Bay, Canadian eastern Arctic. J. Fish. Res. Bd. Can. 11: 709-798.

Dunbar, M.J. 1982. Arctic marine ecosystems. *In* The Arctic Ocean: the hydrographic environment and fate of pollutants. Edited by L. Rey. Macmillian Press Ltd., London. pp. 233-261.

Dunlap, E., and Tang, C.C.L. 2006. Modelling the mean circulation of Baffin Bay. Atmosphere-Ocean, 44: 99-110.

Environment Canada. 1984. Climate atlas – Canada. Map series I – temperature and degree days. Atmospheric Service, Ottawa, ON.

Environment Canada. 2007. Centre de Ressources en Impacts et Adaptation au Climat et a ses Changements. 2007. Climatological charts of the St. Lawrence – River and Gulf. St. Lawrence Centre, Montreal, QC.

Fisheries and Environment Canada. 1978. An Arctic atlas: background information for developing marine oilspill countermeasures. Environmental Protection Service, Ottawa, ON. EPS-9-EC-78-1.

Gedeon, J. 2007a. Variable ice, harsh weather conditions make future of Arctic shipping tentative. Canadian Sailings, March 12, 2002. pp. 22-24.

Gedeon, J. 2007b. Arctic claims raise numerous questions, debates. Canadian Sailings, March 12, 2007. pp. 26-27.

Gosselin, S., Levassuer, M., and Gauthier, D. 1995. Transport and deballast of toxic dinoflagellates via ships in the grande entrée lagoon of the Iles-de-la Madeleine (Gulf of St. Lawrence, Canada). *In* Harmful marine algal blooms. Edited by P. Lassus, G. Arzul, E. Erard, P. Gentien and P. Marcaillou. Lavoisier Science Publ., Paris. pp. 591-596.

Gough, W.A., and Wolfe, E. 2001. Climate change scenarios for Hudson Bay, Canada, from general circulation models. Arctic, 54: 142-148.

Government of Canada. 2005. *Ballast Water Control and Management Regulations. Canada Gazette*. Vol. 139, No. 24 – June 11, 2005.

Groshkov, S.G. (ed). 1983. World ocean atlas, Vol. 3. Arctic Ocean. Pergamon Press, Oxford. [In Russian]

Hamer, J.P., McCollin, T.A., and Lucas, I.A.N. 2000. Dinoflagellate cysts in ballast tank sediments: between tank variations. Mar. Pollut. Bull. 9: 731-733.

Hamilton, A.L. 2006. On the cumulative effects of winter discharges from the La Grande complex and variable surface currents in James Bay and Hudson Bay on the timing and distribution of winter surface salinities in southeastern Hudson Bay. Nunavut Hudson Bay Inter-Agency (NTK) Working Group, Sanikiluaq, NU.

Harper, J.R., Henry, F.R., and G.G. Stewart, G.G. 1988. Maximum storm surge elevations in the Tuktoyaktuk region of the Canadian Beaufort Sea. Arctic, 41: 48-52.

Harvey, M., Gilbert, M., Gauthier, D., and Reid, D.M. 1999. A preliminary assessment of risks for ballast water-mediated introduction of nonindigenous marine organism in the estuary and Gulf of St. Lawrence. Department of Fisheries and Oceans, Can. Tech. Rep. Fish. Aquat. Sci. Rep. 2268. Ottawa, ON.

Harwood, L.A., and Sterling, I. 1992. Distribution of ringed seals in the southeastern Beaufort Sea during late summer. Can. J. Zool. 70: 891– 900.

Hebert, P.N.D., Muncaster, B.W. and Mackie, G.L. 1989. Ecological and genetic studies on *Dreissena polymorpha* (Pallas): a new mollusc in the Great Lakes. Can. J. Fish. Aquat. Sci. 46: 1587-1591.

Heide-Jorgensen, M.P., Dietz, R., Laidre, K.L., Richard, P., Orr, J., and Schmidt, H.C. 2003. The migratory behaviour of narwhals (*Monodon monoceras*). Can. J. Zool. 81: 1298-1305.

Horibe, K. 2007. Arctic shipping. Canadian Sailings, March 12, pp. 14-21.

Hufford, G.L. 1973. Warm water advection in the southern Beaufort Sea August-September 1971. J. Geophys. Res. 78: 2702-2707.

Hufford, G.L. 1974. On apparent upwelling in the southern Beaufort Sea. J. Geophys. Res. 79: 1305-1306.

Hufford, G.L. 1975. Some characteristics of the Beaufort Sea shelf current. J. Geophys. Res. 80: 3465-3468.

Imperial Oil Resources Ventures Limited (IORVL). 2004a. Environmental impact statement of the Mackenzie gas project. Vol. 3. Biophysical baseline, Part C aquatic resources – fish and fish habitat. Calgary, AB.

Imperial Oil Resources Ventures Limited (IORVL). 2004b. Environmental impact statement of the Mackenzie gas project. Vol. 3. Biophysical baseline, Part E terrestrial resources - wildlife. Calgary, AB.

Imperial Oil Resources Ventures Limited (IORVL). 2004c. Environmental impact statement of the Mackenzie gas project. Vol. 5. Biophysical impact assessment, Part E terrestrial resources - wildlife. Calgary, AB.

International Joint Commission and the Great Lakes Fishery Commission (IJC and GLFC). 1990. Exotic species and the shipping industry: the Great Lakes- St. Lawrence Ecosystem at Risk. IJC, Ottawa, ON, GLFC, Ann Arbor, MI.

Jarvela, L.E., and Thorsteinson, L.K. 1999. The epipelagic fish community of Beaufort Sea coastal waters, Alaska. Arctic, 52: 80-94.

Jones, E.P., Swift, J.H., Anderson, L.G., Lipizer, M., Civitarese, G., Falkner, K.K., Katter, G., and McLaughlin, F. 2003. Tracing Pacific water in the North Atlantic Ocean. J. Geophys. Res. 108: C4, 3116.

Jorgensen, O.A., Hvingel, C., Moller, P.R., and Treble, M.A. 2005. Identification and mapping of bottom fish assemblages in Davis Strait and southern Baffin Bay. Can. J. Fish. Aquat. Sci. 62: 1833-1852.

Kelly, K.A. 1991. The meandering Gulf Stream as seen by the Geosat altimeter: surface transport, position and velocity variance from 73° to 46° W. J.Geophys. Res. 96: 16721-16738.

Levings, C.D., Cordell, J.R., Ong, S., and Piercey, G.E. 2004. The origin and identity of invertebrate organisms being transported to Canada's Pacific coast by ballast water. Can. J. Fish. Aquat. Sci. 61: 1-11.

Levings, C.D., and Foreman, M.G.G. 2004. Ecological and oceanographic criteria for alternate ballast water exchange zones in the Pacific region. Fisheries and Oceans Canada, Canadian Science Advisory Secretariat, Ottawa, ON. Research Document 2004/118. 43 p.

Lindsay, D.G. 1982. Sea ice atlas of Arctic Canada 1975-1978. Energy, Mines and Resources Canada, Ottawa, ON.

Locke, A., Reid, D.M., Sprules, W.G., Carlton, J.T., and van Leeuwen, H.C. 1991. Effectiveness of mid-ocean exchange in controlling freshwater and coastal zooplankton in ballast water. Can. Tech. Rep. Fish. Aquat. Sci. 1822. Ottawa, ON.

Lubinsky, I. 1980. Marine bivalves molluscs of the Canadian central and eastern Arctic: faunal composition and zoogeography. Can. Bull. Fish. Aquat. Sci. No. 207. Ottawa, ON. 111 p.

Margalef, R. 1977. Ecosystem diversity differences: poles and tropics. *In* Polar oceans, Edited by M.J. Dunbar. Arctic Institute of North America, Calgary, AB. pp. 367-376.

Markham, W.E. 1981. Ice atlas Canadian Arctic waterways. Environment Canada, Atmospheric Environment Service, Ottawa, ON.

Markham, W.E. 1988. Ice atlas Hudson Bay and approaches. Environment Canada, Atmospheric Environment Service, Ottawa, ON.

McCarthy, S.A., and Khambaty, F.M. 1994. Internal dissemination of epidemic *Vibrio cholerase* by cargo ship ballast and other nonpotable waters. Appl. Environ. Microbiol. 60: 2597-2061.

National geographic. 1999. Atlas of the world. National Geographic, Washington, D.C.

Niimi, A.J. 2004. Environmental and economic factors can increase the risk of exotic species introductions to the Arctic region through increased ballast water discharge. Environ. Manage. 33: 712-718.

Niimi, A.J., and Reid, D.M. 2003. Low salinity residual ballast discharge and exotic species introductions to the North American Great Lakes. Mar. Pollut. Bull. 46: 1334-1340.

North/South Consultants Inc. 2006. Potential dispersal of aquatic invasive species into Hudson Bay from ballast water from ships travelling for ports in Europe and North America. File No. F2408-050083. Winnipeg, MB. 166p.

Patz, J.A., Campbell-Lendrum, D., Holloway, T. and Folley. J.A. 2005. Impact of regional climate change on human health. Nature (London), 438: 310-317.

Pelletier, B.R. (ed.). 1987. Marine atlas of the Beaufort Sea – geology and geophysics. Geological Survey of Canada, Ottawa, ON. Misc. Rep. 40.

Pickart, R.S. 2004. Shelfbreak circulation in the Alaskan Beaufort Sea: mean structure and variability. J. Geophys. Res. C04024.

Richard, P.R., Martin, A.R., and Orr, J.R. 2001. Summer and autumn movements of belugas of the eastern Beaufort Seas stock. Arctic, 54: 223-236.

Rowley, R.J., Kostelnick, J.C., Braaten, D., Li, X., and Meisel, J. 2007. Risk of rising sea level to population and land area. EPS, Trans. Amer. Geophys. Union. 88: 105-107.

Ruiz, G.M., Miller, A.W., Lion, K., Steves, B., Arnwine, A., Collinetti, E., and Wells, E. 2001 Status and trends of ballast water management in the United States. First biennial report of

the national ballast information clearinghouse. Smithsonian Environmental Research Center, Edgewater, MD.

Ruiz, G.M., Rawlings, T.K., Dobbs, F.C., Drake, L.A., Mullady, T., Huq, A., and Cromwell, R.R. 2000. Global spread of microorganisms by ships. Nature (London), 408: 49-50.

Schell, D.M., Barnett, B.A., and Vinette, K.A. 1998. Carbon and nitrogen isotope ratios in zooplankton of the Bering, Chukchi and Beaufort Seas. Mar. Ecol. Prog. Ser. 162: 11-23.

Schick, R.S., and Urban, D.L. 2000. Spatial components of bowhead whale (*Balaena mysticetus*) distribution in the Alaskan Beaufort Sea. Can. J. Fish. Aquat. Sci. 57: 2193-2200.

Scott, W.B., and Crossman, E.J. 1973. Freshwater fishes of Canada. Fish. Res. Bd. Can. Bull. 184. Ottawa, ON.

Seaway Review. 1995. The ports of Quebec. Seaway Review, 24: October – December, 1995, pp. 24-34.

Simard, N., and Hardy, M. 2004. The Laurentian Channel as an alternative ballast water exchange zone: risks, analysis and recommendations. Fisheries and Oceans Canada, Canadian Science Advisory Secretariat, Ottawa, ON. Research Document 2004/120. 79 p.

Skye. E. 1989. Changes in the climate and flora or Hopen Island during the last 110 years. Arctic, 42: 323-332.

Stewart, D.B., Akeeagok, R., Amarualik, A., Panipakutsuk, S., and Taqyu, A. 1995. Local knowledge of beluga and narwhal from four communities in Arctic Canada. Can. Tech. Rep. Fish. Aquat. Sci. No. 2064.

Strain, P.M. 1988. Chemical oceanography in the Gulf of St. Lawrence: geographic, physical oceanographic, and geologic setting. *In* Chemical oceanography in the Gulf of St. Lawrence. Edited by P.M. Strain. Department of Fisheries and Oceans, Can. Bull. Fish. Aquat. Sci. 220. pp. 1-12.

Statistics Canada. 1997. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 219 p.

Statistics Canada. 1998. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 201 p.

Statistics Canada. 1999. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 199 p.

Statistics Canada. 2000. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 199 p.

Statistics Canada. 2001. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 211 p.

Statistics Canada. 2002. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 205 p.

Statistics Canada. 2003. Shipping in Canada. Statistics Canada, Transport Division, Ottawa, ON. 54-205P. 200p.

Tang, C.C.L., Ross, C.K. and Yao, T. 2004. The circulation, water masses and sea-ice of Baffin Bay. Prog. Oceanogr. 63: 183-228.

Transport Canada. 1978. Arctic Waters Pollution Prevention Act 1978 SOR/78-556. Government of Canada, Ottawa, ON.

United States Navy. 2001. Naval operations in an ice free Arctic. Office of Naval Research, Naval Ice Center, Suitland, MD.

Vasarhelyi, C., Thomas, V.G. and Niimi, A.J. 2004. Analyses of legislation pertaining to the control and management of exotic aquatic species in Canadian and adjacent United States waters. Can. Tech. Rep. Fish. Aquat. Sci. 2561. 39 p.

Wilson, H.P. 1974. Winds and currents in the Beaufort Sea. *In* The coast and shelf of the Beaufort Sea, Edited by J.C. Reed and J.E. Sater, Arctic Institute of North America, Calgary, AB. pp. 13-23.

Wright, D.G. 2002. Intentional introductions of alien species of fish: have we learned from our mistakes? *In* Alien invaders in Canada's waters, wetlands and forests. Edited by R. Claudi, P. Natel , E. Muckeljeffs and E. Claudi. Canada Forest Service, Natural Resources Canada, Ottawa, ON. pp. 201-217.

Wrona, F.J., Prowse, T.D., Reist, J.D., Hobbie, J.E., Levesque, L.M.J., and Vincent, W.F. 2006. Climate change impacts on Arctic freshwater ecosystems and fisheries. Key findings, science gaps and policy recommendations. Ambio, 35: 411-415.

Appendix 1

Coldwater region domestic port names in English, French and Inuktitut. Names in bold used in study.

Arctic Bay - Ikpiarjuk / Tununirusiq
Arctic Red River – Tsiigehtchic
Baker Lake - Qamani' tuaq
Bathurst Inlet – Kingaok
Bay Chimo - Omingmaktok / Umingmaktok
Belcher Islands - Sanikiluaq
Broughton Island - Qikiqtarjuaq
Cambridge Bay - Iqaluktuutiak
Cape Dorset - Kingait
Chesterfield Inlet - Igluligaarjuk
Clyde River - Kangiqtugaapik
Coppermine - Kugluktuk
Coral Harbour - Salliq
Eskimo Point - Arviat
Fort Chimo - Kuujjuaq
George River - Kangiqsualujjuaq
Gjoa Haven - Ursuqtuuq / Uqsuqtooq
Great Whale River - Kuujjuaraapik
Grise Fjord - Aujuittuq / Ausuittuq
Hall Beach - Sanirajak
Holman - Uluqsaqtuuq
Inukjuak / Inoucdjouac – Port Harrison
Igloolik - Iglulik
Iqaluit - Frobisher Bay
Ivujuvik - Notre-Dame-d'Ivugivic
Kangirsuk - Bellin / Payne Bay
Kuujjuarapik - Poste-de-la-Baleine
Lake Harbour - Kimmirut
Pangnirtung - Pannirtuuq
Pelly Bay - Aqviligjuaq / Arviliguak
Pond Inlet - Mittimatalik
Port Burwell - Killiniq
Port Simpson - Lax Kw'alaams
Quaqtaq - Notre-Dame-de-Koartac /Koartac
Rankin Inlet - Kangiqsliniq
Repulse Bay - Naujaat
Resolute Bay - Qausuittuq
Sachs Harbor - Ikaahuk
Salluit - Sugluk / Saglouk
Spence Bay - Taloyoak / Talurqjuak
Tuktoyaktuk /Tuktuujaartuq – Port Brabant
Tulita - Fort Norman
Wakeham Bay / Mariecourt - Kangiqsujuaq
Whale Cove - Tikiraqjuaq

Appendix 2

Statistics Canada Commodity Codes

01009 Other Live Animals Inc. Horses, Sheep, Goats
02100 Wheat
02200 Corn
02901 Rye
02902 Barley
02909 Other Grains Including Buckwheat, Millet
01004 Live Fish
03100 Fresh Potatoes
03212 Onions, Shallots, Onion Sets, Garlic, Leeks
03219 Other Fresh Veg Inc.Cauliflower, Broccoli, Cabbage
03221 Dried Leguminous Vegetables Incl. Peas And Beans
03229 Other Dried Veg. Incl. Onions, Mushrooms, Garlic
03324 Fresh Apples
03329 Other Fresh Fruit, Including Dates, Pineapple
03400 Soya Beans
03502 Linseed (flaxseed) Including For Sowing
03503 Colza (rape) Or Canola Seeds Including For Sowing
03504 Sunflower Seeds Including For Sowing
03602 Seeds For Sowing N.e.c.
03999 Other Agrcltrl Products Incl. Mosses, Xmas Tree
04110 Cereal Straw Or Husks And Forage Products
04120 Inedible Flour, Meal, Pellet Of Meat, Fish&seafood
04130 Bran, Sharps, Residues Of Cereal Or Leguminous
04191 Eggs In Shell
04192 Raw Hides And Skins Including Furskins
04199 Other Products Of Animal Origin N.e.c.
04210 Dog Or Cat Food Put Up For Retail Sale
04290 Complete Feeds For Other Animals
05111 Fresh Or Chilled Meat, Excluding Poultry
05112 Frozen Meat, Excluding Poultry
05121 Fresh Or Chilled Poultry
05122 Frozen Poultry
05130 Meat, Salted, Dried, Smoked; Edible Flour And Meal
05201 Fresh Or Chilled Fish Including Fillets
05202 Frozen Fish Including Fillets
08100 Malt Beer
08200 Wine And Other Fermented Beverages
08320 Undenatured Ethyl Alchl>=80%, Spirits & Liqueurs
09010 Cigarettes
09090 Other Tobacco Prdcts Incl. Cigars, Chewing Tobacco
10020 Other Monumental Or Building Stone
11020 Silica & Quartz Sands, Other Than For Construction
12019 Other Limestone, Including Powdered, Chalk
12020 Other Gravel And Crushed Stone
13101 Table Salt
13109 Other Salt Inc Rock, Brine & Pure Sodium Chloride
13200 Calcium Phosphates And Phosphatic Chalk
13300 Dolomite, Incl. Monumental Or Building And Crushed
13910 Sulphur Excl. Sublimed, Precipated And Colloidal
13921 Kaolinic Including China
13929 Other Clays Incl. Bentonite, Andalusite, Kyanite
13992 Gypsum And Anhydrite
13999 Other Non-metallic Minerals N.e.c.
14100 Iron Ores And Concentrates
14910 Copper
14991 Nickel
05204 Seafood, Live, Fresh, Or Other State
05310 Preparations Of Meat Including Poultry
05320 Preparations Of Fish Or Seafood
06100 Wheat Flour, Groats, And Meal
06292 Corn Flour, Groats And Meal
06299 Other Milled Grain Products
05203 Salted, Dried, Smoked Fish And Edible Fish Meal
06391 Doughs For Preparation Of Bakery Products
06399 Other Preparations, Incl. Baby Cereal, Puddings
06410 Baked Snack Foods
06420 Frozen Baked Products
06431 Perishable Baked Products Incl. Bread, Pastries
06432 Dry Baked Products Including Cookies, Crackers
07111 Milk And Cream, Not Concentrated Nor Sweetened
07210 Frozen Vegetables And Vegetable Preparations
07229 Other Processed Vegetables, Pickles, Olives, Relish
07239 Other Prepared Fruit And Nuts, Including Canned
07242 Juices, Not Frozen
07302 Fermented Tea Including Instant
07303 Spices Including Unprocessed
07410 Animal Fats And Oils, And Their Fractions
07422 Colza (canola) Oil
07429 Other Vegetable Oils
07440 Flours And Meals Of Oil Seeds, Except Of Mustard
07501 Raw Sugar (cane Or Beet), In Solid Form
07509 Other Sugars Incl. Invert, Maple Syrup, Molasses
07611 Sugar Confectionary Not Containing Cocoa
07612 Chocolate Confectionary
07719 Other Sauces, Condiments, Prepared Mustard
07720 Soups, Broths, And Their Preparations
07732 Flavouring Powders, Extracts Or Essences
07799 Other Edible Preparations N.e.c. And Vinegar
07811 Carbonated Soft Drinks
07819 Other Sweetened Or Flavoured Water, Incl. Punches
07891 Water, Potable, Spring, Carbonated, Or Mineral
19911 Coke Of Coal, Lignite, Peat And Retort Carbon
19912 Petroleum Coke Including Calcined
19920 Petroleum Asphalt
19930 Natural And Petroleum Asphalt; Mineral Tar Mixture
19990 Other Products Of Coal And Petroleum Refining
20101 Sodium Hydroxide (caustic Soda)
20102 Potassium Hydroxide (caustic Potash)
20222 Sulphuric Acid And Oleum
20232 Aluminum Oxide & Hydroxide Exc Artificial Corundum
20241 Carbon Dioxide
20242 Hydrogen, Nitrogen, Oxygen And The Rare Gases
20251 Sodium Sulphates
20252 Carbonates Of Sodium And Potassium
20259 Sodium Or Potassium Compounds N.e.c.
20269 Other Metal Compounds N.e.c.
20291 Chlorine
20292 Carbon Black
20293 Alkali Or Alkaline-earth, And Rare Earth Metals
20299 Other Inorganic Chemicals N.e.c.
20300 Cyclic Hydrocarbons Incl. Benzene, Toluene, Xylene
20410 Acyclic Alcohols

14993 Lead
14994 Zinc
14996 Titanium
14999 Other Metallic Ores And Concentrates
15100 Non-agglomerated Bituminous Coal
15910 Non-agglomerated Anthracite
16000 Crude Petroleum Oil And Bituminous Mineral Oil
17100 Gasoline
17200 Aviation Turbine Fuel (types A And B)
18000 Fuel Oils
19100 Lubricating Oils And Greases
19201 Kerosene Except Type A Jet Fuel
19209 Other Refined Petroleum Oils
19321 Propane, Liquified
19322 Butane, Liquified
19330 Gaseous Hydrocarbons In A Gaseous State
23901 Glues And Prepared Glues
23902 Prepared Explosives, Pyrotechnic Products, Matches
23904 Anti-knock Prep, Oxidation Inhibitors, And Other
23909 Other Chemical Products And Preparations
24101 Plastics In Primary Forms
24212 Monofilament, Rods, Sticks And Profile Shapes
24213 Plates, Sheets, Film, Foil, Tape, Strip Of Plastic
24221 Tubes, Pipes, Hoses And Fittings Of Plastic
24222 Floor, Wall Or Ceiling Coverings Of Plastic
24223 Bathtubs, Shower Stalls, And Similar Sanitary Ware
24224 Plastic Articles For Conveyance Packing Of Goods
24225 Household Or Toilet Articles Incl. Tableware
24229 Other Articles Of Plastic
24310 Tires And Related Products
24391 Tubes, Pipes & Hoses Of Vulcanized Rubber Exc Hard
24399 Other Rubber Articles
25010 Logs For Pulping
25020 Logs For Lumber
25091 Fuel Wood
25093 Other Wood In The Rough, Untreated
26100 Wood Chips Or Particles
26212 Untreated Lumber
26221 Wood Shaped Along Any Of Its Faces
26222 Shingles And Shakes
26310 Veneer Sheets And Sheets For Plywood
26320 Particle-, Fibre-, And Similar Board Of Wood
26330 Plywood, Veneer Panels, And Similar Laminated Wood
26401 Windows, Doors, And Frames And Thresholds
26409 Other Builder's Joinery And Carpentry Of Wood
26901 Packing Containers, Pallets, Coopers' Products
26909 Other Wood Products
27110 Mechanical Wood Pulp
27120 Chemical Wood Pulp, Of Soda Or Sulphate
27200 Newsprint In Large Rolls Or Sheets
27312 Toilet Or Facial Tissue Stock & Stock For Sanitary
27319 Other Uncoated Paper
27320 Uncoated Paperboard In Large Rolls Or Sheets
31911 Worked Monumental Or Building Granite
31921 Asphalt Shingles
31929 Other Articles Of Asphalt
31931 Gypsum Wallboard, Sheets, And Lath
31951 Building Blocks And Bricks
31959 Other Artcls Of Cement, Concrete, Or Artif. Stone
20430 Organic Acids And Derivatives
20501 Acyclic Hydrocarbons Except Methane And Propane
20502 Halogeneted Derivatives Of Hydrocarbons
20509 Other Organic Chemicals, Including Derivatives
21000 Pharmaceutical Products
22020 Nitrogenous Mineral Or Chemical Fertilizers
22039 Other Phosphatic Mineral Or Chemical Fertilizers
22041 Potassium Chloride (potash)
22090 Other Mineral Or Chemical Fertilizer N.e.c.
23110 Paints And Varnishes
23121 Vegetable Dyeing Extracts, Tannins, Putty
23201 Essential Oils And Resinoids
23202 Perfumery, Cosmetic Or Toilet Preparations
23300 Soap, Cleaning Preparations, Polishes And Cream
23400 Photographic Film Etc, Chemical Prep Photography
23500 Insecti-,rodenti-,fungi-,herbi-cides, Disinfectant
27410 Paper Coated, Treated, In Large Rolls Or Sheets
27420 Paperboard, Coated, Treated, Large Rolls Or Sheets
28010 Toilet Paper, Facial Tissue& Similar Sanitary Ware
28021 Sacks And Bags, Vacuum Cleaner Bags
28029 Other Packing Containers Of Paper, Paperboard
28091 Wallpaper And Similar Wall Coverings
28092 Envelopes, Letter Cards, Plain Postcards
28099 Other Paper And Paperboard Articles
29100 Printed Books, Brochures And Similar Products
29210 Newspapers
29300 Advertising Material, Trade Catalogues And Similar
29999 Other Printed Products
30110 Textile Fibres, Processed, Not Spun
30120 Yarn And Thread
30130 Broadwoven Fabrics
30140 Knitted Or Crocheted Fabrics
30200 Textile Clothing And Accessories, And Headgear
30310 Narrow-woven Fabrics And Related Products
30321 Tufted Carpets
30329 Other Carpets, Including Artificial Turf
30330 Bed, Table, Toilet Linen
30391 Nonwoven And Felt Fabrics
30392 Impregnated, Coated, Covered, Laminated Textiles
30399 Other Textiles And Textile Articles
30400 Footwear
30502 Luggage, Cases, Wallets, Handbags, Of Leather
30503 Other Articles Of Leather, Including Clothing
31100 Hydraulic Cements
31221 Ceramic Pipes, Guttering, Flagstones, Tiles
31229 Other Ceramic, Including Building Bricks, Tiles
31230 China, Porcelain, Other Ceramic Household Articles
31291 Sanitary Fixtures Incl. Sinks, Urinals, Bathtubs
31299 Other Ceramic Products
31310 Glass In Sheets Or Profiles
31320 Glass Containers For Transporting Or Packing Goods
31392 Glassware For Table, Kitchen, Toilet, Office
31399 Other Glass And Glass Products
34130 Parts Of Internal-combustion Piston Engines
34212 Turbo-jets, Turbo-propellers, Other Gas Turbines
34221 Boilers And Nuclear Reactors
34222 Non-electric Engines And Motors, Excl. Piston
34310 Pumps For Liquids
34320 Air or Vacuum Pumps & Air or Other Gas Compressors

31993 Slag Rock, Mineral Wools, Except Of Glass Fibres
31994 Asbestos-, Cellulose Fibre-, Cement Articles
32101 Ferro-alloys In Primary Forms
32102 Iron Or Steel In Primary Forms
32200 Flat-rolled Products Of Iron Or Steel
32300 Bar, Rod, Angle, Shape, Wire, Of Iron Or Steel
32412 Copper Bar, Rod, Wire, Plate, Sheet, Strip, Foil
32421 Aluminum, Unwrought Forms: Ingots, Billets, Powder
32422 Aluminum Bars, Rods, Profiles And Wire
32423 Aluminum Plates, Sheets, Strip And Foil
32492 Nickel, Unwrought Or Basic Forms
32493 Zinc, Unwrought Or Basic Forms
32499 Other Non-ferrous Metal, Unwrought Or Basic Forms
33111 Pipes And Tubes Of Iron Or Steel
33112 Pipes And Tubes Of Non-ferrous Metal
33121 Pipe And Tube Fittings Of Iron Or Steel
33122 Pipe And Tube Fittings Of Non-ferrous Metal
33201 Doors And Windows And Their Frames, Base Metal
33209 Other Structures Of Base Metal
33310 Nails, Screws, Staple, Except In Strip
33321 Hand Tools Incl. Rakes, Axes, Pliers, Wrenches
33322 Cutlery Including Knives, Razors, Scissors, Shear
33330 Interchangeable Tools For Hand- Or Machine-tools
33340 Locks, Mountings And Fittings, Of Base Metal
33910 Containers Of Metal <300l, Exc For Liquified Gas
33991 Railway, Tramway Track Material Of Iron Or Steel
33992 Containers >300l, & Containers For Liquified Gas
33993 Springs And Miscellaneous Fabricated Wire Product
33999 Other Articles Of Metal N.e.c.
34110 Internal-combustion Motor Vehicle Engine >1000cc
34120 Other I.c. Engines Inc Marine Outboard, Aircraft
35912 Secondary Cells&storage Batteries, Nickel-cadmium
35920 Apparatus,switching,protecting Electrical Circuits
35991 Ignition,starting Equipment For S.i. Or C.i.engine
35994 Insulated Wire, Co-axial Cable, Optical Fibre
35995 Graphite, Articles Of Graphite Or Other Carbon
35999 Other Electronic And Electrical Equipment, N.e.c.
36101 Automobiles, Mini-vans, Military Vehicles
36210 Motor Vehicles For Transport Of Goods
36310 Tractors, Excluding Road Tractors, And Parts
36320 Motor Vehicles For Transport >=10 People
36330 Special-purpose Motor Vehicles
36340 Motor Vehicle Chassis And Engine, Without Body
36351 Motorcycles, And Parts
36359 Bicycles And Other Cycles, Including Parts
36360 Trailers And Semi-trailers And Their Parts
36399 Other Vehicles, Snowmobiles, Golf Carts
36401 Brakes Except Unmounted Brake Linings And Pads
36402 Gear Boxes, Except Parts
36403 Road Wheels
36404 Metal Stampings, Bumper, Fender, Door, Hood
36409 Other Parts And Accessories For Motor Vehicles
37101 Locomotives And Self-propelled Rolling Stock
37102 Freight Cars, Passenger Coaches, Service Vehicles
37104 Track Fixtures, Mechanical Equipment, Containers
37210 Aircraft Except Parts
37230 Parts Of Aircraft And Spacecraft
37310 Pleasure Or Sporting Vessels
37320 Commercial Ships And Boats And Floating Structures
34330 Fans And Ventilating Or Recycling Hoods
34421 Refrigerating Or Freezing Equipment,household Type
34422 Refrigerating Or Freezing Equipment, Commercial
34511 Work Trucks Fitted With Lifting,handling Equipment
34519 Other Lifting, Handling Machinery, Incl. Hoists
34910 Dishwashing Machine, Aerating, Packing Machinery
34920 Agricultural & Horticultural, Forestry, Machinery
34930 Textile Manufacturing, Laundry, & Sewing Machines
34940 Hard Material Working Machine-tools
34960 Soldering, Brazing, Welding Machine And Apparatus
34971 Ball And Roller Bearings Including Mounted
34972 Transmission, Speed Changers, Clutches
34991 Pulp & Paper-making, Drying, Calendering Machinery
34992 Book-binding, Type-setting, Printing Machinery
34993 Moulding Boxes, Metal Foundry, Moulding Patterns
34994 Taps, Cocks, Valves For Pipes, Boilers, Vats
34999 Other Machinery N.e.c.
35110 Electric Motors, Generators, Rotary Converters
35120 Electric Transformers, Static Converters
35210 Electric Cooking Appliances
35220 Electro-mechanical, -thermic Domestic Appliances
35310 Telephone Or Telegraph Switching Apparatus
35390 Telephones, Facsimile, Modems, And Parts
35400 Electronic Entertainment Products Except Parts
35510 Computer Equipment
35520 Electric Or Electronic Office Equipment
35629 Other Pre-recorded Media, Audio, Video
35700 Transmission & Reception Apparatus For Radio & Tv
35811 Electronic Capacitors, Resistors, Cathodic Tubes
35820 Parts Of The Goods Of Sctg 354 And 357,inc Cabinet
35911 Primary Cells & Batteries Inc Alkaline And Lithium
38310 Navigational Instruments And Appliances, Exc Radar
38320 Surveying, Hydrographic,meteorological Instruments
38499 Other Medical, Dental, Veterinary Instruments
38520 Industrial Process-control Instruments
38599 Other Instruments To Measure, Check, Test, Control
39011 Mattress, Mattress Support Exc Inflatable&waterbed
39019 Other Household Or Office Furniture Excl. Mattress
39021 Medical, Surgical, Dental Or Veterinary Furniture
39029 Other Furniture Including Various Seats
39030 Lighting Equipment, Lamps And Illuminated Signs
40110 Arms Except Swords, Daggers, And Similar Arms
40120 Munitions And Ammunition
40210 Toys And Games
40220 Sporting Equipment
40910 Clocks And Watches
40920 Prefabricated Buildings
40992 Musical Instruments
40993 Brooms, Brushes, Feather Duster, Paint Rollers
40994 Needles, Pins, Buttons And Similar Notion
40995 Works Of Art, Collections, And Antiques
40999 Other Miscellaneous Manufactured Products
41110 Slag, Ash, And Residues
41120 Waste And Scrap Of Ferrous Metal
41130 Waste And Scrap Of Non-ferrous Metal
41210 Sawdust And Wood Waste And Scrap
41220 Waste And Scrap Of Paper And Paperboard
41299 Other Non-metallic Waste, Incl. Plastic, Rubber
42100 Mail And Parcels

38109 Binoculars, Telescopes, Microscopes And Other
38210 Photographic Camera Inc Film Developing Equipment

42390 General & Unknown Freight or Cargo,<carload Shipmt

Appendix 3

Statistics Canada cargo movements 1997 to 2009

3.1. Cargo movements 1997 to 2003 Domestic coldwater - Domestic coldwater
3.2. Cargo movements 1997 to 2003 Domestic coldwater - Domestic temperate water
3.3. Cargo movements 1997 to 2003 Domestic coldwater - International coldwater
3.4. Cargo movements 1997 to 2003 Domestic coldwater - International temperate coldwater
3.5. Cargo movements 1997 to 2003 Domestic coldwater - International temperate or tropic
3.6. Cargo movements 1997 to 2003 Domestic temperate - International coldwater
3.7. Cargo movements 1997 to 2003 Domestic temperate - International temperate coldwater

Appendix 3.1 Annual cargo movements between Canadian ports located within the coldwater region between 1997 and 2003. Commoditiy codes are listed in Appendix 2. Non-containerized and containerized cargo volumes are reported in tonnes.

1997	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NT, not specified	Not reported	2,212	0	0	0
MB, Churchill	NT, not specified		1,459	0	0	0
MB, Churchill	NT, not specified		14,767	0	0	0
MB, Churchill	NT, not specified		15	0	0	0
NL, Goose Bay	NL, Port Hope Simpson		0	6	0	0
NL, Goose Bay	NL, Port Hope Simpson		1	0	0	0
NL, Goose Bay	NL, Port Hope Simpson		1	0	0	0
NL, Goose Bay	NL, Port Hope Simpson		1	0	0	0
NL, Goose Bay	NL, Port Hope Simpson		1	0	0	0
NL, Goose Bay	NL, Port Hope Simpson		5	0	1	0
NL, Goose Bay	NL, Port Hope Simpson		2	0	1	0
NL, Goose Bay	NL, Port Hope Simpson		17	0	1	0
NL, Port Hope Simpson	NL, Goose Bay		0	0	0	6
NL, Port Hope Simpson	NL, Goose Bay		0	0	1	0
NL, Port Hope Simpson	NL, Goose Bay		0	0	1	0
NL, Port Hope Simpson	NL, Goose Bay		0	0	1	0
NL, Port Hope Simpson	NL, Goose Bay		0	0	1	0
NL, Port Hope Simpson	NL, Goose Bay		1	0	5	0
NL, Port Hope Simpson	NL, Goose Bay		1	0	2	0
NL, Port Hope Simpson	NL, Goose Bay		1	0	17	0
NU, Iqaluit	NT, not specified		3,335	0	0	0
NU, Iqaluit	NT, not specified		9,312	0	0	0
NU, Iqaluit	NT, not specified		14,587	0	0	0
NU, Iqaluit	NT, not specified		67	0	0	0
NT, not specified	MB, Churchill		0	0	2,212	0
NT, not specified	MB, Churchill		0	0	1,459	0
NT, not specified	MB, Churchill		0	0	14,767	0
NT, not specified	MB, Churchill		0	0	15	0
NT, not specified	NU, Iqaluit		0	0	3,335	0
NT, not specified	NU, Iqaluit		0	0	9,312	0
NT, not specified	NU, Iqaluit		0	0	14,587	0
NT, not specified	NU, Iqaluit		0	0	67	0
NT, not specified	NT, not specified		3,053	0	3,053	0
NT, not specified	NT, not specified		3,422	0	3,422	0
NT, not specified	NT, not specified		14,600	0	14,600	0
NT, not specified	NT, not specified		30	0	30	0
NT, not specified	QC - North		0	0	195	0
NT, not specified	QC - North		0	0	70	0
NT, not specified	QC - North		0	0	1,231	0
NT, not specified	QC - North		0	0	52	0
QC - North	NT, not specified		195	0	0	0
QC - North	NT, not specified		70	0	0	0
QC - North	NT, not specified		1,231	0	0	0
QC - North	NT, not specified		52	0	0	0
QC - North	QC - North		98	0	98	0
QC - North	QC - North		615	0	615	0
QC - North	QC - North		610	0	610	0
	Total cargo volumes		69,761	6	69,761	6

1998	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NT, not specified	Not reported	3,142	0	0	0

MB, Churchill	NT, not specified	2,415	0	0	0
MB, Churchill	NT, not specified	17,830	0	0	0
MB, Churchill	NT, not specified	5,225	0	308	15
NT, Inuvik	NT, not specified	315	0	2,388	0
NT, Inuvik	NT, not specified	0	0	1,424	0
NT, Inuvik	NT, not specified	0	0	15,263	0
NT, Inuvik	NT, not specified	1,902	0	314	1,249
NT, Inuvik	NT, Tukyoyaktuk	0	0	2,151	0
NT, Inuvik	NT, Tukyoyaktuk	743	0	114	0
NT, not specified	MB, Churchill	0	0	3,142	0
NT, not specified	MB, Churchill	0	0	2,415	0
NT, not specified	MB, Churchill	0	0	17,830	0
NT, not specified	MB, Churchill	308	15	5,225	0
NT, not specified	NT, Inuvik	2,388	0	315	0
NT, not specified	NT, Inuvik	1,424	0	0	0
NT, not specified	NT, Inuvik	15,263	0	0	0
NT, not specified	NT, Inuvik	314	1,249	1,902	0
NT, not specified	NT, not specified	7,299	0	7,299	0
NT, not specified	NT, not specified	4,612	0	4,612	0
NT, not specified	NT, not specified	53,880	0	53,880	0
NT, not specified	NT, not specified	27,515	32	27,515	32
NT, not specified	NT, Tukyoyaktuk	502	0	2,466	0
NT, not specified	NT, Tukyoyaktuk	965	0	6,059	0
NT, not specified	NT, Tukyoyaktuk	6,847	0	17,994	0
NT, not specified	NT, Tukyoyaktuk	0	0	6,007	0
NT, not specified	NT, Tukyoyaktuk	3,800	0	10,940	0
NT, not specified	NT, Yellowknife	417	0	0	0
NT, not specified	NT, Yellowknife	766	0	0	0
NT, not specified	NT, Yellowknife	5,586	0	0	0
NT, Tukyoyaktuk	NT, Inuvik	2,151	0	0	0
NT, Tukyoyaktuk	NT, Inuvik	114	0	743	0
NT, Tukyoyaktuk	NT, not specified	2,466	0	502	0
NT, Tukyoyaktuk	NT, not specified	6,059	0	965	0
NT, Tukyoyaktuk	NT, not specified	17,994	0	6,847	0
NT, Tukyoyaktuk	NT, not specified	6,007	0	0	0
NT, Tukyoyaktuk	NT, not specified	10,940	0	3,800	0
NT, Yellowknife	NT, not specified	0	0	417	0
NT, Yellowknife	NT, not specified	0	0	766	0
NT, Yellowknife	NT, not specified	0	0	5,586	0
QC - North	QC - North	290	0	290	0
QC - North	QC - North	290	0	290	0
QC - North	QC - North	42	0	42	0
QC - North	QC - North	66	70	66	70
	Total cargo volumes	209,877	1,366	209,877	1,366

1999	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NT, not specified	17100	2,976	0	0	0
MB, Churchill	NT, not specified	17200	3,711	0	0	0
MB, Churchill	NT, not specified	18000	10,734	0	0	0
MB, Churchill	NT, not specified	19990	40	0	0	0
NT, not specified	MB, Churchill	17100	0	0	2,976	0
NT, not specified	MB, Churchill	17200	0	0	3,711	0
NT, not specified	MB, Churchill	18000	0	0	10,734	0
NT, not specified	MB, Churchill	19990	0	0	40	0
NT, not specified	NU, Iqaluit	17100	0	0	1,644	0
NT, not specified	NU, Iqaluit	17200	0	0	1,018	0
NT, not specified	NU, Iqaluit	18000	0	0	7,567	0
NT, not specified	NU, Iqaluit	19990	0	0	12	0

NT, not specified	NU, Iqaluit	34520	110	0	0	0
NT, not specified	NU, Iqaluit	34999	100	10	0	0
NT, not specified	NT, not specified	17100	680	0	680	0
NT, not specified	NT, not specified	18000	3,312	0	3,312	0
NT, not specified	NT, not specified	19990	4	0	4	0
NT, not specified	NT, not specified	42390	545	0	545	0
NT, not specified	NT, Tuktoyaktuk	17100	405	0	913	0
NT, not specified	NT, Tuktoyaktuk	17200	0	0	1,356	0
NT, not specified	NT, Tuktoyaktuk	18000	1,257	0	5,651	0
NT, not specified	NT, Tuktoyaktuk	19990	0	0	29	0
NT, Tuktoyaktuk	NT, not specified	17100	913	0	405	0
NT, Tuktoyaktuk	NT, not specified	17200	1,356	0	0	0
NT, Tuktoyaktuk	NT, not specified	18000	5,651	0	1,257	0
NT, Tuktoyaktuk	NT, not specified	19990	29	0	0	0
NU, Iqaluit	NT, not specified	17100	1,644	0	0	0
NU, Iqaluit	NT, not specified	17200	1,018	0	0	0
NU, Iqaluit	NT, not specified	18000	7,567	0	0	0
NU, Iqaluit	NT, not specified	19990	12	0	0	0
NU, Iqaluit	NT, not specified	34520	0	0	110	0
NU, Iqaluit	NT, not specified	34999	0	0	100	10
	Total cargo volumes		42,064	10	42,064	10

2000	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NU, Baker Lake	17100	675	0	0	0
MB, Churchill	NU, Baker Lake	18000	3,531	0	0	0
MB, Churchill	NU, Baker Lake	19990	9	0	0	0
MB, Churchill	NU, Belcher Islands	17100	249	0	0	0
MB, Churchill	NU, Belcher Islands	17200	933	0	0	0
MB, Churchill	NU, Chesterfield Inlet	17100	195	0	0	0
MB, Churchill	NU, Chesterfield Inlet	18000	604	0	0	0
MB, Churchill	NU, Chesterfield Inlet	19990	2	0	0	0
MB, Churchill	NU, Coral Harbour	17100	335	0	0	0
MB, Churchill	NU, Coral Harbour	17200	193	0	0	0
MB, Churchill	NU, Coral Harbour	18000	1,139	0	0	0
MB, Churchill	NU, Coral Harbour	19990	9	0	0	0
MB, Churchill	NU, Eskimo Point	17100	497	0	0	0
MB, Churchill	NU, Eskimo Point	18000	1,689	0	0	0
MB, Churchill	NU, Eskimo Point	19990	9	0	0	0
MB, Churchill	NU, Rankin Inlet	17100	961	0	0	0
MB, Churchill	NU, Rankin Inlet	17200	3,338	0	0	0
MB, Churchill	NU, Rankin Inlet	18000	3,264	0	0	0
MB, Churchill	NU, Rankin Inlet	19911	2	0	0	0
MB, Churchill	NU, Rankin Inlet	19990	7	0	0	0
MB, Churchill	NU, Repulse Bay	17100	204	0	0	0
MB, Churchill	NU, Repulse Bay	17200	2	0	0	0
MB, Churchill	NU, Repulse Bay	18000	1,254	0	0	0
MB, Churchill	NU, Repulse Bay	19990	3	0	0	0
MB, Churchill	NU, Whale Cove	17100	141	0	0	0
MB, Churchill	NU, Whale Cove	18000	636	0	0	0
MB, Churchill	NU, Whale Cove	19990	2	0	0	0
NL, Cartwright	NL, Nain	42390	0	0	14	0
NL, Nain	NL, Cartwright	42390	14	0	0	0
NT, Fort Good Hope	NT, Hay River	17100	0	0	264	0
NT, Fort Good Hope	NT, Hay River	18000	0	0	635	0
NT, Fort McPherson	NT, Hay River	18000	0	0	1,646	0
NT, Hay River	NT, Fort Good Hope	17100	264	0	0	0
NT, Hay River	NT, Fort Good Hope	18000	635	0	0	0
NT, Hay River	NT, Fort McPherson	18000	1,646	0	0	0

NT, Hay River	NT, not specified	17100	165	0	0	0
NT, Hay River	NT, not specified	18000	316	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17100	571	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17200	300	0	0	0
NT, Hay River	NT, Tuktoyaktuk	18000	1,806	0	0	0
NT, Hay River	NT, Tulita	17100	309	0	0	0
NT, Hay River	NT, Tulita	18000	1,792	0	0	0
NT, Holman	NT, Tuktoyaktuk	17100	0	0	48	0
NT, Holman	NT, Tuktoyaktuk	17200	0	0	1,232	0
NT, Holman	NT, Tuktoyaktuk	18000	0	0	57	0
NT, not specified	NT, Hay River	17100	0	0	165	0
NT, not specified	NT, Hay River	18000	0	0	316	0
NT, not specified	NU, Nanisivik	18000	0	0	416	0
NT, not specified	NU, Nanisivik	42390	0	0	272	0
NT, Paulatuk	NT, Tuktoyaktuk	17100	0	0	59	0
NT, Paulatuk	NT, Tuktoyaktuk	17200	0	0	480	0
NT, Paulatuk	NT, Tuktoyaktuk	18000	0	0	135	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17200	0	0	267	0
NT, Tuktoyaktuk	NU, Bathurst Inlet	17100	27	0	0	0
NT, Tuktoyaktuk	NU, Bathurst Inlet	18000	33	0	0	0
NT, Tuktoyaktuk	NU, Bathurst Inlet	19990	2	0	0	0
NT, Tuktoyaktuk	NU, Bay Chimo	17100	32	0	0	0
NT, Tuktoyaktuk	NU, Bay Chimo	19990	5	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17100	619	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17200	1,284	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	18000	2,815	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	19990	10	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17100	683	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17200	754	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	18000	2,068	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	19990	10	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17100	194	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17200	338	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	18000	1,365	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	19990	9	0	0	0
NT, Tuktoyaktuk	NT, Hay River	17100	0	0	571	0
NT, Tuktoyaktuk	NT, Hay River	17200	0	0	300	0
NT, Tuktoyaktuk	NT, Hay River	18000	0	0	1,806	0
NT, Tuktoyaktuk	NT, Holman	17100	48	0	0	0
NT, Tuktoyaktuk	NT, Holman	17200	1,232	0	0	0
NT, Tuktoyaktuk	NT, Holman	18000	57	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17100	59	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17200	480	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	18000	135	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17200	267	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17100	297	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17200	388	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	18000	271	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	19990	5	0	0	0
NT, Tulita	NT, Hay River	17100	0	0	309	0
NT, Tulita	NT, Hay River	18000	0	0	1,792	0
NU, Arctic Bay	NU, Iqaluit	42390	0	0	134	82
NU, Baker Lake	MB, Churchill	17100	0	0	675	0
NU, Baker Lake	MB, Churchill	18000	0	0	3,531	0
NU, Baker Lake	MB, Churchill	19990	0	0	9	0
NU, Bathurst Inlet	NT, Tuktoyaktuk	17100	0	0	27	0
NU, Bathurst Inlet	NT, Tuktoyaktuk	18000	0	0	33	0
NU, Bathurst Inlet	NT, Tuktoyaktuk	19990	0	0	2	0
NU, Bay Chimo	NT, Tuktoyaktuk	17100	0	0	32	0
NU, Bay Chimo	NT, Tuktoyaktuk	19990	0	0	5	0

NU, Belcher Islands	MB, Churchill	17100	0	0	249	0
NU, Belcher Islands	MB, Churchill	17200	0	0	933	0
NU, Broughton Island	NU, Iqaluit	42390	0	0	277	19
NU, Cambridge Bay	NT, Tuktoyaktuk	17100	0	0	619	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17200	0	0	1,284	0
NU, Cambridge Bay	NT, Tuktoyaktuk	18000	0	0	2,815	0
NU, Cambridge Bay	NT, Tuktoyaktuk	19990	0	0	10	0
NU, Cape Aston	NU, Iqaluit	42390	0	0	466	145
NU, Cape Dorset	NU, Iqaluit	42390	0	0	6	0
NU, Cape Dorset	QC, Ivujivik	42390	0	0	30	73
NU, Cape Dyer	NU, Iqaluit	42390	0	0	34	0
NU, Chesterfield Inlet	MB, Churchill	17100	0	0	195	0
NU, Chesterfield Inlet	MB, Churchill	18000	0	0	604	0
NU, Chesterfield Inlet	MB, Churchill	19990	0	0	2	0
NU, Coppermine	NT, Tuktoyaktuk	17100	0	0	683	0
NU, Coppermine	NT, Tuktoyaktuk	17200	0	0	754	0
NU, Coppermine	NT, Tuktoyaktuk	18000	0	0	2,068	0
NU, Coppermine	NT, Tuktoyaktuk	19990	0	0	10	0
NU, Coral Harbour	MB, Churchill	17100	0	0	335	0
NU, Coral Harbour	MB, Churchill	17200	0	0	193	0
NU, Coral Harbour	MB, Churchill	18000	0	0	1,139	0
NU, Coral Harbour	MB, Churchill	19990	0	0	9	0
NU, Coral Harbour	NU, Iqaluit	42390	0	0	6	0
NU, Eskimo Point	MB, Churchill	17100	0	0	497	0
NU, Eskimo Point	MB, Churchill	18000	0	0	1,689	0
NU, Eskimo Point	MB, Churchill	19990	0	0	9	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17100	0	0	194	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17200	0	0	338	0
NU, Gjoa Haven	NT, Tuktoyaktuk	18000	0	0	1,365	0
NU, Gjoa Haven	NT, Tuktoyaktuk	19990	0	0	9	0
NU, Iqaluit	NU, Arctic Bay	42390	134	82	0	0
NU, Iqaluit	NU, Broughton Island	42390	277	19	0	0
NU, Iqaluit	NU, Cape Aston	42390	466	145	0	0
NU, Iqaluit	NU, Cape Dorset	42390	6	0	0	0
NU, Iqaluit	NT, Cape Dyer	42390	34	0	0	0
NU, Iqaluit	NU, Coral Harbour	42390	6	0	0	0
NU, Iqaluit	NU, Nanisivik	17100	0	0	3,858	0
NU, Iqaluit	NU, Nanisivik	17200	0	0	17,136	0
NU, Iqaluit	NU, Nanisivik	18000	0	0	13,543	0
NU, Iqaluit	NU, Nanisivik	19990	0	0	13	0
NU, Iqaluit	NU, Pond Inlet	42390	191	320	0	0
NU, Iqaluit	NU, Resolute Bay	42390	180	41	0	0
NU, Nanisivik	NU, Iqaluit	17100	3,858	0	0	0
NU, Nanisivik	NU, Iqaluit	17200	17,136	0	0	0
NU, Nanisivik	NU, Iqaluit	18000	13,543	0	0	0
NU, Nanisivik	NU, Iqaluit	19990	13	0	0	0
NU, Nanisivik	NT, not specified	18000	416	0	0	0
NU, Nanisivik	NT, not specified	42390	272	0	0	0
NU, Nanisivik	NU, Pelly Bay	18000	1,918	0	0	0
NU, Nanisivik	NU, Pelly Bay	19990	4	0	0	0
NU, Nanisivik	NU, Pelly Bay	42390	454	0	0	0
NU, Pangnirtung	QC, Salluit	42390	0	0	341	904
NU, Pelly Bay	NU, Nanisivik	18000	0	0	1,918	0
NU, Pelly Bay	NU, Nanisivik	19990	0	0	4	0
NU, Pelly Bay	NU, Nanisivik	42390	0	0	454	0
NU, Pond Inlet	NU, Iqaluit	42390	0	0	191	320
NU, Rankin Inlet	MB, Churchill	17100	0	0	961	0
NU, Rankin Inlet	MB, Churchill	17200	0	0	3,338	0
NU, Rankin Inlet	MB, Churchill	18000	0	0	3,264	0
NU, Rankin Inlet	MB, Churchill	19911	0	0	2	0

NU, Rankin Inlet	MB, Churchill	19990	0	0	7	0
NU, Repulse Bay	MB, Churchill	17100	0	0	204	0
NU, Repulse Bay	MB, Churchill	17200	0	0	2	0
NU, Repulse Bay	MB, Churchill	18000	0	0	1,254	0
NU, Repulse Bay	MB, Churchill	19990	0	0	3	0
NU, Resolute Bay	NU, Iqaluit	42390	0	0	180	41
NU, Spence Bay	NT, Tuktoyaktuk	17100	0	0	297	0
NU, Spence Bay	NT, Tuktoyaktuk	17200	0	0	388	0
NU, Spence Bay	NT, Tuktoyaktuk	18000	0	0	271	0
NU, Spence Bay	NT, Tuktoyaktuk	19990	0	0	5	0
NU, Whale Cove	MB, Churchill	17100	0	0	141	0
NU, Whale Cove	MB, Churchill	18000	0	0	636	0
NU, Whale Cove	MB, Churchill	19990	0	0	2	0
QC, Akulivik	QC, Ivujivik	34999	66	0	0	0
QC, Akulivik	QC, Ivujivik	42390	278	0	0	0
QC, Inukjuak	QC, Salluit	42390	37	0	0	0
QC, Ivujivik	QC, Akulivik	34999	0	0	66	0
QC, Ivujivik	QC, Akulivik	42390	0	0	278	0
QC, Ivujivik	NU, Cape Dorset	42390	30	73	0	0
QC, Kangirsuk	QC, Salluit	42390	23	8	0	0
QC, Kuujjuarapik	QC, Salluit	42390	0	0	7	0
QC, Kuujjuarapik	QC, Umiujaq	42390	76	0	0	0
QC, Povungnituk	QC, Salluit	42390	0	0	0	12
QC, Salluit	QC, Inukjuak	42390	0	0	37	0
QC, Salluit	QC, Kangirsuk	42390	0	0	23	8
QC, Salluit	QC, Kuujjuarapik	42390	7	0	0	0
QC, Salluit	QC, Pangnirtung	42390	341	904	0	0
QC, Salluit	QC, Povungnituk	42390	0	12	0	0
QC, Umiujaq	QC, Kuujjuarapik	42390	0	0	76	0
	Total cargo handled		80,954	1,604	80,954	1,604

2001	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NU, Baker Lake	17100	677	0	0	0
MB, Churchill	NU, Baker Lake	18000	3,699	0	0	0
MB, Churchill	NU, Baker Lake	19911	9	0	0	0
MB, Churchill	NU, Belcher Islands	17100	200	0	0	0
MB, Churchill	NU, Belcher Islands	17200	1,307	0	0	0
MB, Churchill	NU, Belcher Islands	19911	7	0	0	0
MB, Churchill	NU, Chesterfield Inlet	17100	164	0	0	0
MB, Churchill	NU, Chesterfield Inlet	18000	331	0	0	0
MB, Churchill	NU, Chesterfield Inlet	19911	2	0	0	0
MB, Churchill	NU, Coral Harbour	17100	201	0	0	0
MB, Churchill	NU, Coral Harbour	17200	399	0	0	0
MB, Churchill	NU, Coral Harbour	18000	1,278	0	0	0
MB, Churchill	NU, Coral Harbour	19911	13	0	0	0
MB, Churchill	NU, Eskimo Point	17100	498	0	0	0
MB, Churchill	NU, Eskimo Point	18000	1,672	0	0	0
MB, Churchill	NU, Eskimo Point	19911	12	0	0	0
MB, Churchill	NU, Rankin Inlet	17100	967	0	0	0
MB, Churchill	NU, Rankin Inlet	17200	3,691	0	0	0
MB, Churchill	NU, Rankin Inlet	18000	2,906	0	0	0
MB, Churchill	NU, Rankin Inlet	19911	11	0	0	0
MB, Churchill	NU, Whale Cove	17100	136	0	0	0
MB, Churchill	NU, Whale Cove	18000	807	0	0	0
MB, Churchill	NU, Whale Cove	19911	2	0	0	0
NT, Fort Good Hope	NT, Hay River	17100	0	0	244	0
NT, Fort Good Hope	NT, Hay River	18000	0	0	619	0
NT, Fort Mcpherson	NT, Hay River	18000	0	0	1,203	0

NT, Hay River	NT, Fort Good Hope	17100	244	0	0	0
NT, Hay River	NT, Fort Good Hope	18000	619	0	0	0
NT, Hay River	NT, Fort Mcpherson	18000	1,203	0	0	0
NT, Hay River	NT, not specified	17100	138	0	0	0
NT, Hay River	NT, not specified	18000	368	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17100	574	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17200	350	0	0	0
NT, Hay River	NT, Tuktoyaktuk	18000	2,046	0	0	0
NT, Hay River	NT, Tulita	17100	289	0	0	0
NT, Hay River	NT, Tulita	18000	1,669	0	0	0
NT, Holman	NT, Tuktoyaktuk	17100	0	0	115	0
NT, Holman	NT, Tuktoyaktuk	17200	0	0	1,007	0
NT, Holman	NT, Tuktoyaktuk	18000	0	0	34	0
NT, not specified	NT, Hay River	17100	0	0	138	0
NT, not specified	NT, Hay River	18000	0	0	368	0
NT, not specified	NU, Nanisivik	18000	0	0	416	0
NT, not specified	NU, Nanisivik	42390	0	0	272	0
NT, Paulatuk	NT, Tuktoyaktuk	17100	0	0	197	0
NT, Paulatuk	NT, Tuktoyaktuk	17200	0	0	469	0
NT, Paulatuk	NT, Tuktoyaktuk	18000	0	0	623	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17100	0	0	33	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17200	0	0	458	0
NT, Sachs Harbour	NT, Tuktoyaktuk	18000	0	0	21	0
NT, Tuktoyaktuk	NU, Bathurst Inlet	18000	23	0	0	0
NT, Tuktoyaktuk	NU, Bay Chimo	17100	5	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17100	597	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17200	1,127	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	18000	2,728	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	19911	2	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17100	406	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17200	356	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	18000	1,644	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	19911	12	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17100	189	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17200	1,089	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	18000	2,114	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	19911	9	0	0	0
NT, Tuktoyaktuk	NT, Hay River	17100	0	0	574	0
NT, Tuktoyaktuk	NT, Hay River	17200	0	0	350	0
NT, Tuktoyaktuk	NT, Hay River	18000	0	0	2,046	0
NT, Tuktoyaktuk	NT, Holman	17100	115	0	0	0
NT, Tuktoyaktuk	NT, Holman	17200	1,007	0	0	0
NT, Tuktoyaktuk	NT, Holman	18000	34	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17100	197	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17200	469	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	18000	623	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17100	33	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17200	458	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	18000	21	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17100	90	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17200	777	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	18000	549	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	19911	7	0	0	0
NT, Tulita	NT, Hay River	17100	0	0	289	0
NT, Tulita	NT, Hay River	18000	0	0	1,669	0
NU, Baker Lake	MB, Churchill	17100	0	0	677	0
NU, Baker Lake	MB, Churchill	18000	0	0	3,699	0
NU, Baker Lake	MB, Churchill	19911	0	0	9	0
NU, Bathurst Inlet	NT, Tuktoyaktuk	18000	0	0	23	0
NU, Bay Chimo	NT, Tuktoyaktuk	17100	0	0	5	0

NU, Belcher Islands	MB, Churchill	17100	0	0	200	0
NU, Belcher Islands	MB, Churchill	17200	0	0	1,307	0
NU, Belcher Islands	MB, Churchill	19911	0	0	7	0
NU, Cambridge Bay	NU, Nanisivik	34999	0	0	540	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17100	0	0	597	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17200	0	0	1,127	0
NU, Cambridge Bay	NT, Tuktoyaktuk	18000	0	0	2,728	0
NU, Cambridge Bay	NT, Tuktoyaktuk	19911	0	0	2	0
NU, Chesterfield Inlet	MB, Churchill	17100	0	0	164	0
NU, Chesterfield Inlet	MB, Churchill	18000	0	0	331	0
NU, Chesterfield Inlet	MB, Churchill	19911	0	0	2	0
NU, Coppermine	NT, Tuktoyaktuk	17100	0	0	406	0
NU, Coppermine	NT, Tuktoyaktuk	17200	0	0	356	0
NU, Coppermine	NT, Tuktoyaktuk	18000	0	0	1,644	0
NU, Coppermine	NT, Tuktoyaktuk	19911	0	0	12	0
NU, Coral Harbour	MB, Churchill	17100	0	0	201	0
NU, Coral Harbour	MB, Churchill	17200	0	0	399	0
NU, Coral Harbour	MB, Churchill	18000	0	0	1,278	0
NU, Coral Harbour	MB, Churchill	19911	0	0	13	0
NU, Eskimo Point	MB, Churchill	17100	0	0	498	0
NU, Eskimo Point	MB, Churchill	18000	0	0	1,672	0
NU, Eskimo Point	MB, Churchill	19911	0	0	12	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17100	0	0	189	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17200	0	0	1,089	0
NU, Gjoa Haven	NT, Tuktoyaktuk	18000	0	0	2,114	0
NU, Gjoa Haven	NT, Tuktoyaktuk	19911	0	0	9	0
NU, Iqaluit	QC, George River	42390	0	0	9	0
NU, Iqaluit	QC, Kuujjuaq	34999	0	0	98	0
NU, Iqaluit	QC, Kuujjuaq	42390	22	0	0	0
NU, Iqaluit	NU, Nanisivik	42390	40	0	0	0
NU, Iqaluit	NU, Pond Inlet	42390	2	0	0	0
NU, Iqaluit	QC, Quaqtaq	42390	0	0	0	80
NU, Iqaluit	NU, Rankin Inlet	42390	0	0	3	0
NU, Iqaluit	QC, Salluit	34999	37	0	0	0
NU, Nanisivik	NU, Cambridge Bay	34999	540	0	0	0
NU, Nanisivik	NU, Iqaluit	42390	0	0	40	0
NU, Nanisivik	NT, not specified	18000	416	0	0	0
NU, Nanisivik	NT, not specified	42390	272	0	0	0
NU, Nanisivik	NU, Pelly Bay	18000	1,712	0	0	0
NU, Pelly Bay	NU, Nanisivik	18000	0	0	1,712	0
NU, Pond Inlet	NU, Iqaluit	42390	0	0	2	0
NU, Rankin Inlet	MB, Churchill	17100	0	0	967	0
NU, Rankin Inlet	MB, Churchill	17200	0	0	3,691	0
NU, Rankin Inlet	MB, Churchill	18000	0	0	2,906	0
NU, Rankin Inlet	MB, Churchill	19911	0	0	11	0
NU, Rankin Inlet	NU, Iqaluit	42390	3	0	0	0
NU, Spence Bay	NT, Tuktoyaktuk	17100	0	0	90	0
NU, Spence Bay	NT, Tuktoyaktuk	17200	0	0	777	0
NU, Spence Bay	NT, Tuktoyaktuk	18000	0	0	549	0
NU, Spence Bay	NT, Tuktoyaktuk	19911	0	0	7	0
NU, Whale Cove	MB, Churchill	17100	0	0	136	0
NU, Whale Cove	MB, Churchill	18000	0	0	807	0
NU, Whale Cove	MB, Churchill	19911	0	0	2	0
QC, George River	NU, Iqaluit	42390	9	0	0	0
QC, Ivujivik	QC, Kuujjuaq	36210	3	0	0	0
QC, Ivujivik	QC, Quaqtaq	34999	0	0	211	0
QC, Ivujivik	QC, Umiujaq	34999	0	0	251	0
QC, Kuujjuaq	NU, Iqaluit	34999	98	0	0	0
QC, Kuujjuaq	NU, Iqaluit	42390	0	0	22	0
QC, Kuujjuaq	QC, Ivujivik	36210	0	0	3	0

QC, Kuujjuaq	QC, Tasiujaq	18000	775	0	0	0
QC, Kuujjuaq	QC, Wakeham Bay	34999	0	0	400	0
QC, Quaqtaq	NU, Iqaluit	42390	0	80	0	0
QC, Quaqtaq	QC, Ivujivik	34999	211	0	0	0
QC, Salluit	NU, Iqaluit	34999	0	0	37	0
QC, Tasiujaq	QC, Kuujjuaq	18000	0	0	775	0
QC, Umiujaq	QC, Ivujivik	34999	251	0	0	0
	Total cargo volumes		45,961	80	45,961	80

2002	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NU, Baker Lake	17100	624	0	474	0
MB, Churchill	NU, Baker Lake	18000	4,000	0	0	0
MB, Churchill	NU, Belcher Islands	17100	261	0	0	0
MB, Churchill	NU, Belcher Islands	17200	999	0	0	0
MB, Churchill	NU, Chesterfield Inlet	17100	196	0	89	0
MB, Churchill	NU, Chesterfield Inlet	18000	403	0	0	0
MB, Churchill	NU, Coral Harbour	17100	393	0	0	0
MB, Churchill	NU, Coral Harbour	17200	400	0	0	0
MB, Churchill	NU, Coral Harbour	18000	1,483	0	0	0
MB, Churchill	NU, Coral Harbour	19990	2	0	0	0
MB, Churchill	NU, Eskimo Point	17100	1,245	0	51	0
MB, Churchill	NU, Eskimo Point	18000	2,974	0	0	0
MB, Churchill	NU, Eskimo Point	19990	2	0	0	0
MB, Churchill	NU, Rankin Inlet	17100	1,179	0	169	0
MB, Churchill	NU, Rankin Inlet	17200	1,884	0	0	0
MB, Churchill	NU, Rankin Inlet	18000	3,666	0	0	0
MB, Churchill	NU, Rankin Inlet	19990	471	0	0	0
MB, Churchill	NU, Whale Cove	17100	156	0	31	0
MB, Churchill	NU, Whale Cove	18000	535	0	0	0
NT, Fort Good Hope	NT, Hay River	17100	0	0	200	0
NT, Fort Good Hope	NT, Hay River	18000	0	0	622	0
NT, Hay River	NT, Fort Good Hope	17100	200	0	0	0
NT, Hay River	NT, Fort Good Hope	18000	622	0	0	0
NT, Hay River	NT, not specified	17100	176	0	0	0
NT, Hay River	NT, not specified	18000	292	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17100	585	0	0	0
NT, Hay River	NT, Tuktoyaktuk	18000	1,909	0	0	0
NT, Hay River	NT, Tulita	17100	235	0	0	0
NT, Hay River	NT, Tulita	18000	1,188	0	0	0
NT, Holman	NT, Tuktoyaktuk	17100	0	0	178	0
NT, Holman	NT, Tuktoyaktuk	18000	0	0	904	0
NT, not specified	NT, Hay River	17100	0	0	176	0
NT, not specified	NT, Hay River	18000	0	0	292	0
NT, not specified	NU, Nanisivik	18000	0	0	650	0
NT, not specified	NU, Nanisivik	42390	0	0	116	0
NT, Paulatuk	NT, Tuktoyaktuk	17200	0	0	216	0
NT, Paulatuk	NT, Tuktoyaktuk	18000	0	0	358	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17100	0	0	90	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17200	0	0	424	0
NT, Sachs Harbour	NT, Tuktoyaktuk	18000	0	0	32	0
NT, Tuktoyaktuk	NU, Bathurst Inlet	18000	22	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17100	579	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17200	1,010	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	18000	2,852	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17100	1,053	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17200	499	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	18000	2,132	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	19990	3	0	0	0

NT, Tuktoyaktuk	NU, Gjoa Haven	17100	539	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17200	408	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	18000	1,849	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	19990	2	0	0	0
NT, Tuktoyaktuk	NT, Hay River	17100	0	0	585	0
NT, Tuktoyaktuk	NT, Hay River	18000	0	0	1,909	0
NT, Tuktoyaktuk	NT, Holman	17100	178	0	0	0
NT, Tuktoyaktuk	NT, Holman	18000	904	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17200	216	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	18000	358	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17100	90	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17200	424	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	18000	32	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17100	178	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17200	522	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	18000	1,191	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	19990	2	0	0	0
NT, Tulita	NT, Hay River	17100	0	0	235	0
NT, Tulita	NT, Hay River	18000	0	0	1,188	0
NU, Arctic Bay	NU, Iqaluit	42390	1	0	1	0
NU, Baker Lake	MB, Churchill	17100	474	0	624	0
NU, Baker Lake	MB, Churchill	18000	0	0	4,000	0
NU, Bathurst Inlet	NT, Tuktoyaktuk	18000	0	0	22	0
NU, Belcher Islands	MB, Churchill	17100	0	0	261	0
NU, Belcher Islands	MB, Churchill	17200	0	0	999	0
NU, Broughton Island	NU, Iqaluit	42390	0	0	1	0
NU, Cambridge Bay	NU, Gjoa Haven	17100	0	0	145	0
NU, Cambridge Bay	NU, Gjoa Haven	17200	0	0	225	0
NU, Cambridge Bay	NU, Gjoa Haven	18000	0	0	713	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17100	0	0	579	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17200	0	0	1,010	0
NU, Cambridge Bay	NT, Tuktoyaktuk	18000	0	0	2,852	0
NU, Cape Aston	NU, Iqaluit	42390	3	0	6	0
NU, Cape Aston	NU, Pangnirtung	42390	11	0	0	0
NU, Cape Dorset	NU, Iqaluit	42390	0	30	0	0
NU, Chesterfield Inlet	MB, Churchill	17100	89	0	196	0
NU, Chesterfield Inlet	MB, Churchill	18000	0	0	403	0
NU, Coppermine	NT, Tuktoyaktuk	17100	0	0	1,053	0
NU, Coppermine	NT, Tuktoyaktuk	17200	0	0	499	0
NU, Coppermine	NT, Tuktoyaktuk	18000	0	0	2,132	0
NU, Coppermine	NT, Tuktoyaktuk	19990	0	0	3	0
NU, Coral Harbour	MB, Churchill	17100	0	0	393	0
NU, Coral Harbour	MB, Churchill	17200	0	0	400	0
NU, Coral Harbour	MB, Churchill	18000	0	0	1,483	0
NU, Coral Harbour	MB, Churchill	19990	0	0	2	0
NU, Coral Harbour	NU, Iqaluit	42390	0	52	2	0
NU, Eskimo Point	MB, Churchill	17100	51	0	1,245	0
NU, Eskimo Point	MB, Churchill	18000	0	0	2,974	0
NU, Eskimo Point	MB, Churchill	19990	0	0	2	0
NU, Gjoa Haven	NU, Cambridge Bay	17100	145	0	0	0
NU, Gjoa Haven	NU, Cambridge Bay	17200	225	0	0	0
NU, Gjoa Haven	NU, Cambridge Bay	18000	713	0	0	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17100	0	0	539	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17200	0	0	408	0
NU, Gjoa Haven	NT, Tuktoyaktuk	18000	0	0	1,849	0
NU, Gjoa Haven	NT, Tuktoyaktuk	19990	0	0	2	0
NU, Grisefiord	NU, Pangnirtung	42390	43	11	0	0
NU, Grisefiord	NU, Resolute Bay	42390	0	0	41	0
NU, Hall Beach	NU, Iqaluit	42390	0	0	5	10
NU, Igloolik	NU, Iqaluit	42390	0	0	17	10

NU, Iqaluit	NU, Arctic Bay	42390	1	0	1	0
NU, Iqaluit	NU, Broughton Island	42390	1	0	0	0
NU, Iqaluit	NU, Cape Aston	42390	6	0	3	0
NU, Iqaluit	NU, Cape Dorset	42390	0	0	0	30
NU, Iqaluit	NU, Coral Harbour	42390	2	0	0	52
NU, Iqaluit	QC, Geroge River	42390	0	0	0	3
NU, Iqaluit	NU, Hall Beach	42390	5	10	0	0
NU, Iqaluit	NU, Igloolik	42390	17	10	0	0
NU, Iqaluit	QC, Inukjuak	42390	78	0	0	0
NU, Iqaluit	QC, Ivujivik	42390	19	0	0	0
NU, Iqaluit	QC, Kangirsuk	42390	111	19	0	0
NU, Iqaluit	QC, Kuujjuaq	42390	2	0	0	5
NU, Iqaluit	QC, Kuujjuaq	36101	0	0	6	0
NU, Iqaluit	QC, Kuujjuaq	37210	0	0	10	0
NU, Iqaluit	NU, Lake Harbour	42390	0	0	0	20
NU, Iqaluit	NU, Pangnirtung	42390	65	70	3	0
NU, Iqaluit	NU, Pond Inlet	42390	4	0	7	0
NU, Iqaluit	QC, Povungnituk	42390	137	17	0	0
NU, Iqaluit	NU, Rankin Inlet	34999	2	0	0	0
NU, Iqaluit	NU, Rankin Inlet	36101	0	0	5	0
NU, Iqaluit	NU, Rankin Inlet	42390	103	10	4	0
NU, Iqaluit	NU, Repulse Bay	42390	1	0	0	0
NU, Iqaluit	NU, Resolute Bay	42390	30	0	0	0
NU, Lake Harbour	NU, Iqaluit	42390	0	20	0	0
NU, Nanisivik	NT, not specified	18000	650	0	0	0
NU, Nanisivik	NT, not specified	42390	116	0	0	0
NU, Nanisivik	NU, Pangnirtung	42390	0	0	32	0
NU, Nanisivik	NU, Pelly Bay	18000	1,122	0	0	0
NU, Nanisivik	NU, Pelly Bay	36101	63	0	0	0
NU, Nanisivik	NU, Pelly Bay	42390	493	64	0	0
NU, Nanisivik	NU, Tanquary	42390	1	0	0	0
NU, Pangnirtung	NU, Cape Aston	42390	0	0	11	0
NU, Pangnirtung	NU, Grisefiord	42390	0	0	43	11
NU, Pangnirtung	NU, Iqaluit	42390	3	0	65	70
NU, Pangnirtung	NU, Nanisivik	42390	32	0	0	0
NU, Pangnirtung	NU, Pond Inlet	42390	16	0	0	0
NU, Pangnirtung	QC, Povungnituk	42390	0	0	0	20
NU, Pangnirtung	NU, Resolute Bay	42390	0	0	62	12
NU, Pelly Bay	NU, Nanisivik	18000	0	0	1,122	0
NU, Pelly Bay	NU, Nanisivik	36101	0	0	63	0
NU, Pelly Bay	NU, Nanisivik	42390	0	0	493	64
NU, Pond Inlet	NU, Iqaluit	42390	7	0	4	0
NU, Pond Inlet	NU, Pangnirtung	42390	0	0	16	0
NU, Rankin Inlet	MB, Churchill	17100	169	0	1,179	0
NU, Rankin Inlet	MB, Churchill	17200	0	0	1,884	0
NU, Rankin Inlet	MB, Churchill	18000	0	0	3,666	0
NU, Rankin Inlet	MB, Churchill	19990	0	0	471	0
NU, Rankin Inlet	NU, Iqaluit	36101	5	0	0	0
NU, Rankin Inlet	NU, Iqaluit	42390	4	0	103	10
NU, Rankin Inlet	NU, Iqaluit	34999	0	0	2	0
NU, Repulse Bay	NU, Iqaluit	42390	0	0	1	0
NU, Resolute Bay	NU, Grisefiord	42390	41	0	0	0
NU, Resolute Bay	NU, Iqaluit	42390	0	0	30	0
NU, Resolute Bay	NU, Pangnirtung	42390	62	12	0	0
NU, Spence Bay	NT, Tuktoyaktuk	17100	0	0	178	0
NU, Spence Bay	NT, Tuktoyaktuk	17200	0	0	522	0
NU, Spence Bay	NT, Tuktoyaktuk	18000	0	0	1,191	0
NU, Spence Bay	NT, Tuktoyaktuk	19990	0	0	2	0
NU, Tanquary	NU, Nanisivik	42390	0	0	1	0
NU, Whale Cove	MB, Churchill	17100	31	0	156	0

NU, Whale Cove	MB, Churchill	18000	0	0	535	0
QC, Akulivik	QC, Kuujjuaq	42390	0	0	1	0
QC, Akulivik	QC, Kuujjuarapik	42390	2	0	0	0
QC, Akulivik	QC, Quaqtaq	42390	0	0	1	0
QC, George River	NU, Iqaluit	42390	0	3	0	0
QC, George River	QC, Kuujjuaq	42390	0	0	2	0
QC, George River	QC, Quaqtaq	42390	2	0	2	0
QC, Hope Advance Bay	QC, Kuujjuaq	17100	0	0	87	0
QC, Hope Advance Bay	QC, Kuujjuaq	18000	0	0	749	0
QC, Inukjuak	NU, Iqaluit	42390	0	0	78	0
QC, Inukjuak	QC, Kuujjuaq	34999	0	0	13	0
QC, Inukjuak	QC, Povungnituk	42390	6	18	0	0
QC, Inukjuak	QC, Salluit	42390	5	0	0	0
QC, Ivujivik	NU, Iqaluit	42390	0	0	19	0
QC, Ivujivik	QC, Kangirsuk	42390	307	77	1	0
QC, Ivujivik	QC, Kuujjuaq	36101	0	0	3	0
QC, Ivujivik	QC, Kuujjuaq	42390	0	0	1	0
QC, Ivujivik	QC, Kuujjuarapik	42390	1	0	0	0
QC, Ivujivik	QC, Povungnituk	42390	0	0	1	0
QC, Ivujivik	QC, Salluit	42390	14	0	2	0
QC, Kangirsuk	NU, Iqaluit	42390	0	0	111	19
QC, Kangirsuk	QC, Ivujivik	42390	1	0	307	77
QC, Kangirsuk	QC, Kuujjuaq	42390	0	0	3	0
QC, Kangirsuk	QC, Wakeham Bay	36101	3	0	0	0
QC, Kuujjuaq	QC, Akulivik	42390	1	0	0	0
QC, Kuujjuaq	QC, George River	42390	2	0	0	0
QC, Kuujjuaq	QC, Hope Advance Bay	17100	87	0	0	0
QC, Kuujjuaq	QC, Hope Advance Bay	18000	749	0	0	0
QC, Kuujjuaq	QC, Inukjuak	34999	13	0	0	0
QC, Kuujjuaq	NU, Iqaluit	36101	6	0	0	0
QC, Kuujjuaq	NU, Iqaluit	37210	10	0	0	0
QC, Kuujjuaq	NU, Iqaluit	42390	0	5	2	0
QC, Kuujjuaq	QC, Ivujivik	36101	3	0	0	0
QC, Kuujjuaq	QC, Ivujivik	42390	1	0	0	0
QC, Kuujjuaq	QC, Kangirsuk	42390	3	0	0	0
QC, Kuujjuaq	QC, Kuujjuaq	17200	641	0	641	0
QC, Kuujjuaq	QC, Kuujjuaq	18000	4,470	0	4,470	0
QC, Kuujjuaq	QC, Povungnituk	42390	0	15	0	0
QC, Kuujjuaq	QC, Salluit	34999	215	0	0	0
QC, Kuujjuaq	QC, Salluit	42390	54	5	0	0
QC, Kuujjuaq	QC, Tasiujaq	42390	7	17	0	0
QC, Kuujjuaq	QC, Umiujaq	36101	3	0	0	0
QC, Kuujjuarapik	QC, Akulivik	42390	0	0	2	0
QC, Kuujjuarapik	QC, Ivujivik	42390	0	0	1	0
QC, Kuujjuarapik	QC, Povungnituk	42390	0	0	0	5
QC, Povungnituk	QC, Inukjuak	42390	0	0	6	18
QC, Povungnituk	NU, Iqaluit	42390	0	0	137	17
QC, Povungnituk	QC, Ivujivik	42390	1	0	0	0
QC, Povungnituk	QC, Kuujjuaq	42390	0	0	0	15
QC, Povungnituk	QC, Kuujjuarapik	42390	0	5	0	0
QC, Povungnituk	NU, Pangnirtung	42390	0	20	0	0
QC, Quaqtaq	QC, Akulivik	42390	1	0	0	0
QC, Quaqtaq	QC, George River	42390	2	0	2	0
QC, Salluit	QC, Inukjuak	42390	0	0	5	0
QC, Salluit	QC, Ivujivik	42390	2	0	14	0
QC, Salluit	QC, Kuujjuaq	34999	0	0	215	0
QC, Salluit	QC, Kuujjuaq	42390	0	0	54	5
QC, Salluit	QC, Tasiujaq	36101	0	0	2	0
QC, Salluit	QC, Wakeham Bay	42390	0	0	4	0
QC, Tasiujaq	QC, Kuujjuaq	42390	0	0	7	17

QC, Tasiujaq	QC, Salluit	36101	2	0	0	0
QC, Umiujaq	QC, Kuujjuaq	36101	0	0	3	0
QC, Wakeham Bay	QC, Kangirsuk	36101	0	0	3	0
QC, Wakeham Bay	QC, Salluit	42390	4	0	0	0
	Total cargo volumes		52,895	490	52,895	490

2003	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NU, Baker Lake	17100	200	0	0	0
MB, Churchill	NU, Baker Lake	18000	1,222	0	0	0
MB, Churchill	NU, Belcher Islands	19209	4	0	0	0
MB, Churchill	NU, Belcher Islands	17100	232	0	0	0
MB, Churchill	NU, Belcher Islands	17200	1,343	0	0	0
MB, Churchill	NU, Chesterfield Inlet	17100	130	0	0	0
MB, Churchill	NU, Chesterfield Inlet	18000	598	0	0	0
MB, Churchill	NU, Coral Harbour	19209	1	0	0	0
MB, Churchill	NU, Coral Harbour	17100	153	0	0	0
MB, Churchill	NU, Coral Harbour	17200	214	0	0	0
MB, Churchill	NU, Coral Harbour	18000	769	0	0	0
MB, Churchill	NU, Rankin Inlet	17100	1,139	0	0	0
MB, Churchill	NU, Rankin Inlet	17200	2,713	0	0	0
MB, Churchill	NU, Rankin Inlet	18000	3,484	0	0	0
MB, Churchill	NU, Whale Cove	19209	2	0	0	0
MB, Churchill	NU, Whale Cove	17100	149	0	0	0
MB, Churchill	NU, Whale Cove	18000	735	0	0	0
NT, Fort Good Hope	NT, Hay River	17100	0	0	220	0
NT, Fort Good Hope	NT, Hay River	18000	0	0	564	0
NT, Hay River	NT, Fort Good Hope	17100	220	0	0	0
NT, Hay River	NT, Fort Good Hope	18000	564	0	0	0
NT, Hay River	NT, not specified	17100	207	0	0	0
NT, Hay River	NT, not specified	18000	437	0	0	0
NT, Hay River	NT, Tuktoyaktuk	17100	497	0	0	0
NT, Hay River	NT, Tuktoyaktuk	18000	1,944	0	0	0
NT, Hay River	NT, Tulita	17100	213	0	0	0
NT, Hay River	NT, Tulita	18000	931	0	0	0
NT, Holman	NT, Tuktoyaktuk	17100	0	0	197	0
NT, Holman	NT, Tuktoyaktuk	17200	0	0	178	0
NT, Holman	NT, Tuktoyaktuk	18000	0	0	1,045	0
NT, not specified	NT, Hay River	17100	0	0	207	0
NT, not specified	NT, Hay River	18000	0	0	437	0
NT, not specified	NU, Nanisivik	17100	2	0	0	0
NT, not specified	NU, Nanisivik	42390	0	0	404	0
NT, Paulatuk	NT, Tuktoyaktuk	17100	0	0	67	0
NT, Paulatuk	NT, Tuktoyaktuk	18000	0	0	766	0
NT, Sachs Harbour	NT, Tuktoyaktuk	17100	0	0	67	0
NT, Sachs Harbour	NT, Tuktoyaktuk	18000	0	0	424	0
NT, Tuktoyaktuk	NU, Bay Chimo	17100	30	0	0	0
NT, Tuktoyaktuk	NU, Bay Chimo	18000	16	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	19990	3	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17100	537	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	17200	262	0	0	0
NT, Tuktoyaktuk	NU, Cambridge Bay	18000	2,732	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	19990	10	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17100	768	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	17200	854	0	0	0
NT, Tuktoyaktuk	NU, Coppermine	18000	1,789	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	19990	9	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17100	321	0	0	0
NT, Tuktoyaktuk	NU, Gjoa Haven	17200	593	0	0	0

NT, Tuktoyaktuk	NU, Gjoa Haven	18000	2,038	0	0	0
NT, Tuktoyaktuk	NT, Hay River	17100	0	0	497	0
NT, Tuktoyaktuk	NT, Hay River	18000	0	0	1,944	0
NT, Tuktoyaktuk	NT, Holman	17100	197	0	0	0
NT, Tuktoyaktuk	NT, Holman	17200	178	0	0	0
NT, Tuktoyaktuk	NT, Holman	18000	1,045	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	17100	67	0	0	0
NT, Tuktoyaktuk	NT, Paulatuk	18000	766	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	17100	67	0	0	0
NT, Tuktoyaktuk	NT, Sachs Harbour	18000	424	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	19990	8	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17100	235	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	17200	562	0	0	0
NT, Tuktoyaktuk	NU, Spence Bay	18000	688	0	0	0
NT, Tulita	NT, Hay River	17100	0	0	213	0
NT, Tulita	NT, Hay River	18000	0	0	931	0
NU, Baker Lake	NU, Chesterfield Inlet	17100	0	0	200	0
NU, Baker Lake	NU, Chesterfield Inlet	18000	0	0	1,222	0
NU, Baker Lake	MB, Churchill	17100	0	0	200	0
NU, Baker Lake	MB, Churchill	18000	0	0	1,222	0
NU, Baker Lake	NU, Coral Harbour	17100	0	0	200	0
NU, Baker Lake	NU, Coral Harbour	18000	0	0	1,222	0
NU, Bay Chimo	NT, Tuktoyaktuk	17100	0	0	30	0
NU, Bay Chimo	NT, Tuktoyaktuk	18000	0	0	16	0
NU, Belcher Islands	MB, Churchill	19209	0	0	4	0
NU, Belcher Islands	MB, Churchill	17100	0	0	232	0
NU, Belcher Islands	MB, Churchill	17200	0	0	1,343	0
NU, Cambridge Bay	NT, Tuktoyaktuk	19990	0	0	3	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17100	0	0	537	0
NU, Cambridge Bay	NT, Tuktoyaktuk	17200	0	0	262	0
NU, Cambridge Bay	NT, Tuktoyaktuk	18000	0	0	2,732	0
NU, Cape Aston	NU, Resolute Bay	42390	0	0	2	0
NU, Chesterfield Inlet	NU, Baker Lake	17100	200	0	0	0
NU, Chesterfield Inlet	NU, Baker Lake	18000	1,222	0	0	0
NU, Chesterfield Inlet	MB, Churchill	17100	0	0	130	0
NU, Chesterfield Inlet	MB, Churchill	18000	0	0	598	0
NU, Chesterfield Inlet	NU, Repulse Bay	19209	1	0	0	0
NU, Chesterfield Inlet	NU, Repulse Bay	17100	158	0	0	0
NU, Chesterfield Inlet	NU, Repulse Bay	17200	2	0	0	0
NU, Chesterfield Inlet	NU, Repulse Bay	18000	593	0	0	0
NU, Coppermine	NT, Tuktoyaktuk	19990	0	0	10	0
NU, Coppermine	NT, Tuktoyaktuk	17100	0	0	768	0
NU, Coppermine	NT, Tuktoyaktuk	17200	0	0	854	0
NU, Coppermine	NT, Tuktoyaktuk	18000	0	0	1,789	0
NU, Coral Harbour	NU, Baker Lake	17100	200	0	0	0
NU, Coral Harbour	NU, Baker Lake	18000	1,222	0	0	0
NU, Coral Harbour	MB, Churchill	19209	0	0	1	0
NU, Coral Harbour	MB, Churchill	17100	0	0	153	0
NU, Coral Harbour	MB, Churchill	17200	0	0	214	0
NU, Coral Harbour	MB, Churchill	18000	0	0	769	0
NU, Coral Harbour	NU, Rankin Inlet	19209	0	0	1	0
NU, Coral Harbour	NU, Rankin Inlet	17100	0	0	153	0
NU, Coral Harbour	NU, Rankin Inlet	17200	0	0	214	0
NU, Coral Harbour	NU, Rankin Inlet	18000	0	0	769	0
NU, Eskimo Point	NU, Rankin Inlet	19209	0	0	4	0
NU, Eskimo Point	NU, Rankin Inlet	17100	0	0	251	0
NU, Eskimo Point	NU, Rankin Inlet	18000	0	0	868	0
NU, Eskimo Point	NU, Whale Cove	19209	0	0	4	0
NU, Eskimo Point	NU, Whale Cove	17100	0	0	251	0
NU, Eskimo Point	NU, Whale Cove	18000	0	0	868	0

NU, Gjoa Haven	NT, Tuktoyaktuk	19990	0	0	9	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17100	0	0	321	0
NU, Gjoa Haven	NT, Tuktoyaktuk	17200	0	0	593	0
NU, Gjoa Haven	NT, Tuktoyaktuk	18000	0	0	2,038	0
NU, Hall Beach	NU, Repulse Bay	19209	0	0	2	0
NU, Hall Beach	NU, Repulse Bay	17100	0	0	151	0
NU, Hall Beach	NU, Repulse Bay	17200	0	0	201	0
NU, Hall Beach	NU, Repulse Bay	18000	0	0	598	0
NU, Iqaluit	NU, Nanisivik	17100	0	0	51	0
NU, Iqaluit	NU, Pangnirtung	34999	0	0	0	138
NU, Iqaluit	NU, Pangnirtung	42390	0	0	7	86
NU, Nanisivik	NU, Iqaluit	17100	51	0	0	0
NU, Nanisivik	NT, not specified	17100	0	0	2	0
NU, Nanisivik	NT, not specified	42390	404	0	0	0
NU, Nanisivik	NU, Pelly Bay	17100	328	0	11	0
NU, Nanisivik	NU, Pelly Bay	18000	1,167	0	0	0
NU, Nanisivik	NU, Pelly Bay	42390	688	0	0	0
NU, Pangnirtung	NU, Iqaluit	34999	0	138	0	0
NU, Pangnirtung	NU, Iqaluit	42390	7	86	0	0
NU, Pelly Bay	NU, Nanisivik	17100	11	0	328	0
NU, Pelly Bay	NU, Nanisivik	18000	0	0	1,167	0
NU, Pelly Bay	NU, Nanisivik	42390	0	0	688	0
NU, Rankin Inlet	MB, Churchill	17100	0	0	1,139	0
NU, Rankin Inlet	MB, Churchill	17200	0	0	2,713	0
NU, Rankin Inlet	MB, Churchill	18000	0	0	3,484	0
NU, Rankin Inlet	NU, Coral Harbour	19209	1	0	0	0
NU, Rankin Inlet	NU, Coral Harbour	17100	153	0	0	0
NU, Rankin Inlet	NU, Coral Harbour	17200	214	0	0	0
NU, Rankin Inlet	NU, Coral Harbour	18000	769	0	0	0
NU, Rankin Inlet	NU, Eskimo Point	19209	4	0	0	0
NU, Rankin Inlet	NU, Eskimo Point	17100	251	0	0	0
NU, Rankin Inlet	NU, Eskimo Point	18000	868	0	0	0
NU, Repulse Bay	NU, Chesterfield Inlet	19209	0	0	1	0
NU, Repulse Bay	NU, Chesterfield Inlet	17100	0	0	158	0
NU, Repulse Bay	NU, Chesterfield Inlet	17200	0	0	2	0
NU, Repulse Bay	NU, Chesterfield Inlet	18000	0	0	593	0
NU, Repulse Bay	NU, Hall Beach	19209	2	0	0	0
NU, Repulse Bay	NU, Hall Beach	17100	151	0	0	0
NU, Repulse Bay	NU, Hall Beach	17200	201	0	0	0
NU, Repulse Bay	NU, Hall Beach	18000	598	0	0	0
NU, Resolute Bay	NU, Cape Aston	42390	2	0	0	0
NU, Spence Bay	NT, Tuktoyaktuk	19990	0	0	8	0
NU, Spence Bay	NT, Tuktoyaktuk	17100	0	0	235	0
NU, Spence Bay	NT, Tuktoyaktuk	17200	0	0	562	0
NU, Spence Bay	NT, Tuktoyaktuk	18000	0	0	688	0
NU, Whale Cove	MB, Churchill	19209	0	0	2	0
NU, Whale Cove	MB, Churchill	17100	0	0	149	0
NU, Whale Cove	MB, Churchill	18000	0	0	735	0
NU, Whale Cove	NU, Eskimo Point	19209	4	0	0	0
NU, Whale Cove	NU, Eskimo Point	17100	251	0	0	0
NU, Whale Cove	NU, Eskimo Point	18000	868	0	0	0
QC, Diana Bay	QC, George River	17100	368	0	0	0
QC, Diana Bay	QC, George River	18000	2,043	0	0	0
QC, Diana Bay	QC, Kuujjuaq	17100	182	0	0	0
QC, Diana Bay	QC, Kuujjuaq	17200	696	0	0	0
QC, Diana Bay	QC, Kuujjuaq	18000	3,160	0	0	0
QC, George River	QC, Diana Bay	17100	0	0	368	0
QC, George River	QC, Diana Bay	18000	0	0	2,043	0
QC, Hope Advance Bay	QC, Ivujivik	42390	0	0	110	0
QC, Hope Advance Bay	QC, Kangirsuk	36101	0	0	17	0

QC, Hope Advance Bay	QC, Kangirsuk	34999	0	0	462	0
QC, Hope Advance Bay	QC, Kangirsuk	42390	0	0	23	77
QC, Ivujivik	QC, Hope Advance Bay	42390	110	0	0	0
QC, Kangirsuk	QC, Hope Advance Bay	36101	17	0	0	0
QC, Kangirsuk	QC, Hope Advance Bay	34999	462	0	0	0
QC, Kangirsuk	QC, Hope Advance Bay	42390	23	77	0	0
QC, Kuujjuaq	QC, Diana Bay	17100	0	0	182	0
QC, Kuujjuaq	QC, Diana Bay	17200	0	0	696	0
QC, Kuujjuaq	QC, Diana Bay	18000	0	0	3,160	0
QC, Kuujjuaq	QC, Tasiujaq	34999	0	0	125	0
QC, Kuujjuaq	QC, Tasiujaq	42390	0	0	1,023	0
QC, Povungnituk	QC, Salluit	42390	0	0	12	0
QC, Salluit	QC, Povungnituk	42390	12	0	0	0
QC, Tasiujaq	QC, Kuujjuaq	34999	125	0	0	0
QC, Tasiujaq	QC, Kuujjuaq	42390	1,023	0	0	0
	Total cargo volumes		51,114	301	51,114	301

Appendix 3.2. Annual cargo movements between Canadian coldwater and temperate ports between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo volumes are reported in tonnes.

1997	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NL, not specified	Not reported	194	0	0	0
MB, Churchill	NL, not specified		679	0	0	0
MB, Churchill	NL, not specified		2	0	0	0
NB, St. John	NL, Goose Bay		631	0	0	0
NB, St. John	NL, Goose Bay		20,562	0	0	0
NB, St. John	QC - North		749	0	0	0
NB, St. John	QC - North		20,446	0	0	0
NL, Goose Bay	PE, Charlottetown		2	0	0	0
NL, Goose Bay	PE, Charlottetown		0	2	0	0
NL, Goose Bay	PE, Charlottetown		0	4	0	0
NL, Goose Bay	PE, Charlottetown		1	0	0	0
NL, Goose Bay	PE, Charlottetown		1	0	0	0
NL, Goose Bay	PE, Charlottetown		1	0	0	0
NL, Goose Bay	PE, Charlottetown		1	0	0	0
NL, Goose Bay	PE, Charlottetown		0	0	0	0
NL, Goose Bay	PE, Charlottetown		2	0	0	0
NL, Goose Bay	NS, Halifax		0	0	3,230	0
NL, Goose Bay	NS, Halifax		0	0	33,665	0
NL, Goose Bay	NS, Halifax		0	0	5,198	0
NL, Goose Bay	NL, Lewisporte		0	11	61	1,990
NL, Goose Bay	NL, Lewisporte		0	6	75	665
NL, Goose Bay	NL, Lewisporte		0	0	1	0
NL, Goose Bay	NL, Lewisporte		19	0	0	0
NL, Goose Bay	NL, Lewisporte		0	0	1,325	371
NL, Goose Bay	NL, Lewisporte		49	0	1,200	37
NL, Goose Bay	NL, Lewisporte		0	0	249	0
NL, Goose Bay	NL, Lewisporte		0	0	63	0
NL, Goose Bay	NL, Lewisporte		11	0	223	31
NL, Goose Bay	NL, Lewisporte		0	0	209	0
NL, Goose Bay	NL, Lewisporte		2	0	581	35
NL, Goose Bay	NL, Lewisporte		11	0	527	0
NL, Goose Bay	NL, Lewisporte		8	26	458	119
NL, Goose Bay	NL, Lewisporte		116	0	23	17
NL, Goose Bay	NL, Lewisporte		2	0	762	0
NL, Goose Bay	NL, Lewisporte		25	23	237	740
NL, Goose Bay	NL, Lewisporte		0	0	1	0
NL, Goose Bay	NL, Lewisporte		56	0	6	0
NL, Goose Bay	NL, Lewisporte		193	0	855	0
NL, Goose Bay	NL, Lewisporte		0	1	0	8
NL, Goose Bay	NL, Lewisporte		391	25	755	19
NL, Goose Bay	NL, Lewisporte		448	0	209	0
NL, Goose Bay	NL, Lewisporte		2	0	44	0
NL, Goose Bay	NL, Lewisporte		5	0	7	0
NL, Goose Bay	NL, Lewisporte		266	165	291	230
NL, Goose Bay	NL, Lewisporte		0	1	0	0
NL, Goose Bay	NL, Lewisporte		2,245	2,548	756	1,864
NL, Goose Bay	NL, not specified		99	24	1	0
NL, Goose Bay	NL, not specified		51	11	3	0
NL, Goose Bay	NL, not specified		0	0	1	0
NL, Goose Bay	NL, not specified		1	0	5	4
NL, Goose Bay	NL, not specified		0	0	1	0
NL, Goose Bay	NL, not specified		1	0	0	0

NL, Goose Bay	NL, not specified	32	44	0	0
NL, Goose Bay	NL, not specified	105	32	0	4
NL, Goose Bay	NL, not specified	360	0	0	0
NL, Goose Bay	NL, not specified	0	7	0	0
NL, Goose Bay	NL, not specified	0	0	0	4
NL, Goose Bay	NL, not specified	43	3	0	0
NL, Goose Bay	NL, not specified	19	22	8	0
NL, Goose Bay	NL, not specified	7	0	0	0
NL, Goose Bay	NL, not specified	112	5	0	0
NL, Goose Bay	NL, not specified	70	0	0	0
NL, Goose Bay	NL, not specified	0	1	0	0
NL, Goose Bay	NL, not specified	5	0	0	0
NL, Goose Bay	NL, not specified	44	3	0	0
NL, Goose Bay	NL, not specified	70	18	2	0
NL, Goose Bay	NL, not specified	1	0	1	0
NL, Goose Bay	NL, not specified	10	0	0	0
NL, Goose Bay	NL, not specified	91	11	29	7
NL, Goose Bay	NL, not specified	0	0	1	1
NL, Goose Bay	NL, not specified	7	12	6	0
NL, Goose Bay	NL, not specified	46	0	31	0
NL, Goose Bay	NL, not specified	11	3	1	0
NL, Goose Bay	NL, not specified	185	0	159	3
NL, Goose Bay	NL, not specified	22	0	37	0
NL, Goose Bay	NL, not specified	0	0	11	0
NL, Goose Bay	NL, not specified	20	0	16	0
NL, Goose Bay	NL, not specified	40	29	23	44
NL, Goose Bay	NL, not specified	2	0	3	0
NL, Goose Bay	NL, not specified	104	42	155	75
NL, Goose Bay	QC, Quebec	0	0	3,450	0
NL, Goose Bay	QC, Quebec	0	0	4,049	0
NL, Goose Bay	NB, St. John	0	0	631	0
NL, Goose Bay	NB, St. John	0	0	20,562	0
NL, Lewisporte	NL, Goose Bay	61	1,990	0	11
NL, Lewisporte	NL, Goose Bay	75	665	0	6
NL, Lewisporte	NL, Goose Bay	1	0	0	0
NL, Lewisporte	NL, Goose Bay	0	0	19	0
NL, Lewisporte	NL, Goose Bay	1,325	371	0	0
NL, Lewisporte	NL, Goose Bay	1,200	37	49	0
NL, Lewisporte	NL, Goose Bay	249	0	0	0
NL, Lewisporte	NL, Goose Bay	63	0	0	0
NL, Lewisporte	NL, Goose Bay	223	31	11	0
NL, Lewisporte	NL, Goose Bay	209	0	0	0
NL, Lewisporte	NL, Goose Bay	581	35	2	0
NL, Lewisporte	NL, Goose Bay	527	0	11	0
NL, Lewisporte	NL, Goose Bay	458	119	8	26
NL, Lewisporte	NL, Goose Bay	23	17	116	0
NL, Lewisporte	NL, Goose Bay	762	0	2	0
NL, Lewisporte	NL, Goose Bay	237	740	25	23
NL, Lewisporte	NL, Goose Bay	1	0	0	0
NL, Lewisporte	NL, Goose Bay	6	0	56	0
NL, Lewisporte	NL, Goose Bay	855	0	193	0
NL, Lewisporte	NL, Goose Bay	0	8	0	1
NL, Lewisporte	NL, Goose Bay	755	19	391	25
NL, Lewisporte	NL, Goose Bay	209	0	448	0
NL, Lewisporte	NL, Goose Bay	44	0	2	0
NL, Lewisporte	NL, Goose Bay	7	0	5	0
NL, Lewisporte	NL, Goose Bay	291	230	266	165
NL, Lewisporte	NL, Goose Bay	0	0	0	1
NL, Lewisporte	NL, Goose Bay	756	1,864	2,245	2,548
NL, Lewisporte	NL, Port Hope Simpson	31	66	0	0

NL, Lewisporte	NL, Port Hope Simpson	5	20	0	0
NL, Lewisporte	NL, Port Hope Simpson	1	1	0	0
NL, Lewisporte	NL, Port Hope Simpson	1	0	0	0
NL, Lewisporte	NL, Port Hope Simpson	1	0	0	0
NL, Lewisporte	NL, Port Hope Simpson	5	1	0	0
NL, Lewisporte	NL, Port Hope Simpson	5	0	0	0
NL, Lewisporte	NL, Port Hope Simpson	1	0	0	0
NL, Lewisporte	NL, Port Hope Simpson	12	17	0	0
NL, Lewisporte	NL, Port Hope Simpson	11	1	36	0
NL, Lewisporte	NL, Port Hope Simpson	13	1	3	0
NL, Lewisporte	NL, Port Hope Simpson	0	0	3	0
NL, Lewisporte	NL, Port Hope Simpson	0	0	0	0
NL, Lewisporte	NL, Port Hope Simpson	16	1	11	36
NL, not specified	MB, Churchill	0	0	194	0
NL, not specified	MB, Churchill	0	0	679	0
NL, not specified	MB, Churchill	0	0	2	0
NL, not specified	NL, Goose Bay	1	0	99	24
NL, not specified	NL, Goose Bay	3	0	51	11
NL, not specified	NL, Goose Bay	1	0	0	0
NL, not specified	NL, Goose Bay	5	4	1	0
NL, not specified	NL, Goose Bay	1	0	0	0
NL, not specified	NL, Goose Bay	0	0	1	0
NL, not specified	NL, Goose Bay	0	0	32	44
NL, not specified	NL, Goose Bay	0	4	105	32
NL, not specified	NL, Goose Bay	0	0	360	0
NL, not specified	NL, Goose Bay	0	0	0	7
NL, not specified	NL, Goose Bay	0	4	0	0
NL, not specified	NL, Goose Bay	0	0	43	3
NL, not specified	NL, Goose Bay	8	0	19	22
NL, not specified	NL, Goose Bay	0	0	7	0
NL, not specified	NL, Goose Bay	0	0	112	5
NL, not specified	NL, Goose Bay	0	0	70	0
NL, not specified	NL, Goose Bay	0	0	0	1
NL, not specified	NL, Goose Bay	0	0	5	0
NL, not specified	NL, Goose Bay	0	0	44	3
NL, not specified	NL, Goose Bay	2	0	70	18
NL, not specified	NL, Goose Bay	1	0	1	0
NL, not specified	NL, Goose Bay	0	0	10	0
NL, not specified	NL, Goose Bay	29	7	91	11
NL, not specified	NL, Goose Bay	1	1	0	0
NL, not specified	NL, Goose Bay	6	0	7	12
NL, not specified	NL, Goose Bay	31	0	46	0
NL, not specified	NL, Goose Bay	1	0	11	3
NL, not specified	NL, Goose Bay	159	3	185	0
NL, not specified	NL, Goose Bay	37	0	22	0
NL, not specified	NL, Goose Bay	11	0	0	0
NL, not specified	NL, Goose Bay	16	0	20	0
NL, not specified	NL, Goose Bay	23	44	40	29
NL, not specified	NL, Goose Bay	3	0	2	0
NL, not specified	NL, Goose Bay	155	75	104	42
NL, not specified	NL, Port Hope Simpson	40	0	0	0
NL, not specified	NL, Port Hope Simpson	6	0	0	0
NL, not specified	NL, Port Hope Simpson	6	0	0	0
NL, not specified	NL, Port Hope Simpson	46	0	0	0
NL, not specified	NL, Port Hope Simpson	0	0	1	0
NL, not specified	NL, Port Hope Simpson	1	0	24	0
NL, not specified	NL, Port Hope Simpson	13	2	0	0
NL, not specified	NL, Port Hope Simpson	11	0	0	0
NL, not specified	NL, Port Hope Simpson	15	8	0	0
NL, not specified	NL, Port Hope Simpson	0	0	15	0

NL, not specified	NL, Port Hope Simpson	4	0	0	0
NL, not specified	NL, Port Hope Simpson	50	0	0	0
NL, not specified	NL, Port Hope Simpson	1	0	0	0
NL, not specified	NL, Port Hope Simpson	28	0	16	0
NL, not specified	NL, Port Hope Simpson	23	0	0	0
NL, not specified	NL, Port Hope Simpson	1	0	0	0
NL, not specified	NL, Port Hope Simpson	5	0	0	0
NL, not specified	NL, Port Hope Simpson	5	0	12	7
NL, Port Hope Simpson	PE, Charlottetown	1	0	1	0
NL, Port Hope Simpson	NL, Lewisporte	0	0	31	66
NL, Port Hope Simpson	NL, Lewisporte	0	0	5	20
NL, Port Hope Simpson	NL, Lewisporte	0	0	1	1
NL, Port Hope Simpson	NL, Lewisporte	0	0	1	0
NL, Port Hope Simpson	NL, Lewisporte	0	0	1	0
NL, Port Hope Simpson	NL, Lewisporte	0	0	5	1
NL, Port Hope Simpson	NL, Lewisporte	0	0	5	0
NL, Port Hope Simpson	NL, Lewisporte	0	0	1	0
NL, Port Hope Simpson	NL, Lewisporte	0	0	12	17
NL, Port Hope Simpson	NL, Lewisporte	0	0	0	0
NL, Port Hope Simpson	NL, Lewisporte	36	0	11	1
NL, Port Hope Simpson	NL, Lewisporte	3	0	13	1
NL, Port Hope Simpson	NL, Lewisporte	3	0	0	0
NL, Port Hope Simpson	NL, Lewisporte	11	36	16	1
NL, Port Hope Simpson	NL, not specified	0	0	40	0
NL, Port Hope Simpson	NL, not specified	0	0	6	0
NL, Port Hope Simpson	NL, not specified	0	0	6	0
NL, Port Hope Simpson	NL, not specified	0	0	46	0
NL, Port Hope Simpson	NL, not specified	1	0	0	0
NL, Port Hope Simpson	NL, not specified	24	0	1	0
NL, Port Hope Simpson	NL, not specified	0	0	13	2
NL, Port Hope Simpson	NL, not specified	0	0	11	0
NL, Port Hope Simpson	NL, not specified	0	0	15	8
NL, Port Hope Simpson	NL, not specified	15	0	0	0
NL, Port Hope Simpson	NL, not specified	0	0	4	0
NL, Port Hope Simpson	NL, not specified	0	0	50	0
NL, Port Hope Simpson	NL, not specified	0	0	1	0
NL, Port Hope Simpson	NL, not specified	16	0	28	0
NL, Port Hope Simpson	NL, not specified	0	0	23	0
NL, Port Hope Simpson	NL, not specified	0	0	1	0
NL, Port Hope Simpson	NL, not specified	0	0	5	0
NL, Port Hope Simpson	NL, not specified	12	7	5	0
NS, Halifax	NL, Goose Bay	3,230	0	0	0
NS, Halifax	NL, Goose Bay	33,665	0	0	0
NS, Halifax	NL, Goose Bay	5,198	0	0	0
NU, Iqaluit	QC, Cote-Ste-Catherine	11	0	1,810	30
NU, Iqaluit	QC, Montreal	69	0	0	0
NU, Iqaluit	QC, Montreal	67	0	6,700	0
NU, Iqaluit	QC, Quebec	0	0	22	0
NT (not specified)	QC, Chicoutimi	0	0	0	16
NT (not specified)	QC, Cote-Ste-Catherine	111	0	0	0
NT (not specified)	QC, Cote-Ste-Catherine	434	167	9,563	8,327
NT (not specified)	QC, Montreal	13,015	0	0	0
NT (not specified)	QC, Montreal	0	0	36	0
NT (not specified)	QC, Montreal	0	0	342	0
NT (not specified)	QC, Montreal	0	0	6,637	0
NT (not specified)	QC, Montreal	20	0	96	0
NT (not specified)	QC, Montreal	186	0	7,727	29
NT (not specified)	QC (not specified)	0	0	173	0
NT (not specified)	QC (not specified)	0	0	1,029	0
NT (not specified)	QC, Sept Iles	0	0	1	0

NT (not specified)	QC, Sept Iles	0	0	767	0
PE, Charlottetown	NL, Goose Bay	0	0	2	0
PE, Charlottetown	NL, Goose Bay	0	0	0	2
PE, Charlottetown	NL, Goose Bay	0	0	0	4
PE, Charlottetown	NL, Goose Bay	0	0	1	0
PE, Charlottetown	NL, Goose Bay	0	0	1	0
PE, Charlottetown	NL, Goose Bay	0	0	1	0
PE, Charlottetown	NL, Goose Bay	0	0	1	0
PE, Charlottetown	NL, Goose Bay	0	0	2	0
PE, Charlottetown	NL, Port Hope Simpson	1	0	1	0
QC, Becancour	QC - North	0	142	0	0
QC, Baie-Comeau	QC - North	0	643	0	0
QC, Chicoutimi	NT (not specified)	0	16	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	1,810	30	11	0
QC, Cote-Ste-Catherine	NT (not specified)	0	0	111	0
QC, Cote-Ste-Catherine	NT (not specified)	9,563	8,327	434	167
QC, Cote-Ste-Catherine	QC - North	0	29	0	0
QC, Cote-Ste-Catherine	QC - North	0	0	10	0
QC, Cote-Ste-Catherine	QC - North	0	0	8	0
QC, Cote-Ste-Catherine	QC - North	43	6,258	74	0
QC, Cote-Ste-Catherine	QC - North	10,179	3,258	952	230
QC, Montreal	NU, Iqaluit	0	0	69	0
QC, Montreal	NU, Iqaluit	6,700	0	67	0
QC, Montreal	NT (not specified)	0	0	13,015	0
QC, Montreal	NT (not specified)	36	0	0	0
QC, Montreal	NT (not specified)	342	0	0	0
QC, Montreal	NT (not specified)	6,637	0	0	0
QC, Montreal	NT (not specified)	96	0	20	0
QC, Montreal	NT (not specified)	7,727	29	186	0
QC, Montreal	QC - North	8,136	0	0	0
QC, Montreal	QC - North	524	0	0	0
QC, Montreal	QC - North	27,873	0	0	0
QC, Montreal	QC - North	1,622	0	1,485	0
QC, Montreal	QC - North	13,270	80	519	0
QC (not specified)	NT (not specified)	173	0	0	0
QC (not specified)	NT (not specified)	1,029	0	0	0
QC - North	QC, Baie-Comeau	0	0	0	643
QC - North	Becancour, QC	0	0	0	142
QC - North	QC, Cote-Ste-Catherine	0	0	0	29
QC - North	QC, Cote-Ste-Catherine	10	0	0	0
QC - North	QC, Cote-Ste-Catherine	8	0	0	0
QC - North	QC, Cote-Ste-Catherine	74	0	43	6,258
QC - North	QC, Cote-Ste-Catherine	952	230	10,179	3,258
QC - North	QC, Montreal	0	0	8,136	0
QC - North	QC, Montreal	0	0	524	0
QC - North	QC, Montreal	0	0	27,873	0
QC - North	QC, Montreal	1,485	0	1,622	0
QC - North	QC, Montreal	519	0	13,270	80
QC - North	QC, Quebec	0	0	5,080	0
QC - North	QC, Quebec	0	0	1,200	0
QC - North	QC, Quebec	0	0	0	145
QC - North	NB, St. John	0	0	749	0
QC - North	NB, St. John	0	0	20,446	0
QC - North	QC, Sept Iles	0	0	47	0
QC - North	QC, Sept Iles	0	0	1	0
QC, Quebec	NL, Goose Bay	3,450	0	0	0
QC, Quebec	NL, Goose Bay	4,049	0	0	0
QC, Quebec	NU, Iqaluit	22	0	0	0
QC, Quebec	QC - North	5,080	0	0	0
QC, Quebec	QC - North	1,200	0	0	0

QC, Quebec	QC - North	0	145	0	0
QC, Sept Iles	NT (not specified)	1	0	0	0
QC, Sept Iles	NT (not specified)	767	0	0	0
QC, Sept Iles	QC - North	47	0	0	0
QC, Sept Iles	QC - North	1	0	0	0
	Total cargo volumes	228,001	28,862	228,001	28,862

1998	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	NL, not specified	Not reported	147	0	0	0
MB, Churchill	NL, not specified		1,323	0	0	0
MB, Churchill	NL, not specified		411	0	0	0
NB, Saint John	NL, Goose Bay		6,741	0	0	0
NB, Saint John	QC - North		1,208	0	0	0
NB, Saint John	QC - North		16,778	0	0	0
NB, Saint John	QC - North		9,979	0	0	0
NL, Goose Bay	NS, Halifax		0	0	3,234	0
NL, Goose Bay	NS, Halifax		0	0	57,957	0
NL, Goose Bay	NS, Halifax		0	0	6,425	0
NL, Goose Bay	QC, Quebec		0	0	1,182	0
NL, Goose Bay	QC, Quebec		0	0	2,097	0
NL, Goose Bay	QC, Quebec		0	0	2,515	0
NL, Goose Bay	NB, Saint John		0	0	6,741	0
NL, not specified	MB, Churchill		0	0	147	0
NL, not specified	MB, Churchill		0	0	1,323	0
NL, not specified	MB, Churchill		0	0	411	0
NS, Halifax	NL, Goose Bay		3,234	0	0	0
NS, Halifax	NL, Goose Bay		57,957	0	0	0
NS, Halifax	NL, Goose Bay		6,425	0	0	0
NT, not specified	QC, Becancour		0	0	245	0
NT, not specified	QC, Cote-Ste-Catherine		0	0	10,888	1,322
NT, not specified	QC, Montreal		285	0	0	0
NT, not specified	QC, Montreal		0	0	677	0
NT, not specified	QC, Montreal		141	1,240	5,012	833
NU, Iqaluit	QC, Cote-Ste-Catherine		0	0	12,226	500
NU, Iqaluit	QC, Montreal		0	0	6	0
NU, Iqaluit	QC, Montreal		158	0	5,528	44
NU, Iqaluit	QC, Quebec		1,270	0	0	0
NU, Iqaluit	QC, Sept Iles		1	0	0	0
QC, Becancour	NT, not specified		245	0	0	0
QC, Becancour	QC - North		735	0	0	0
QC, Becancour	QC - North		268	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit		12,226	500	0	0
QC, Cote-Ste-Catherine	NT, not specified		10,888	1,322	0	0
QC, Cote-Ste-Catherine	QC - North		1,809	0	0	0
QC, Cote-Ste-Catherine	QC - North		1,163	0	310	0
QC, Matane	QC - North		20	20	0	0
QC, Montreal	NU, Iqaluit		6	0	0	0
QC, Montreal	NU, Iqaluit		5,528	44	158	0
QC, Montreal	NT, not specified		0	0	285	0
QC, Montreal	NT, not specified		677	0	0	0
QC, Montreal	NT, not specified		5,012	833	141	1,240
QC, Montreal	QC - North		9,084	0	0	0
QC, Montreal	QC - North		2,582	0	0	0
QC, Montreal	QC - North		24,737	0	0	0
QC, Montreal	QC - North		136	0	0	0
QC, Montreal	QC - North		232	0	0	0
QC, Montreal	QC - North		7	0	0	0
QC, Montreal	QC - North		250	0	0	0

QC, Montreal	QC - North	449	0	11	0
QC, Montreal	QC - North	10,540	2,855	621	57
QC - North	QC, Becancour	0	0	735	0
QC - North	QC, Becancour	0	0	268	0
QC - North	QC, Cote-Ste-Catherine	0	0	1,809	0
QC - North	QC, Cote-Ste-Catherine	310	0	1,163	0
QC - North	QC, Matane	0	0	20	20
QC - North	QC, Montreal	0	0	9,084	0
QC - North	QC, Montreal	0	0	2,582	0
QC - North	QC, Montreal	0	0	24,737	0
QC - North	QC, Montreal	0	0	136	0
QC - North	QC, Montreal	0	0	232	0
QC - North	QC, Montreal	0	0	7	0
QC - North	QC, Montreal	0	0	250	0
QC - North	QC, Montreal	11	0	449	0
QC - North	QC, Montreal	621	57	10,540	2,855
QC - North	QC, Quebec	25,819	0	0	0
QC - North	NB, Saint John	0	0	1,208	0
QC - North	NB, Saint John	0	0	16,778	0
QC - North	NB, Saint John	0	0	9,979	0
QC, Quebec	NL, Goose Bay	1,182	0	0	0
QC, Quebec	NL, Goose Bay	2,097	0	0	0
QC, Quebec	NL, Goose Bay	2,515	0	0	0
QC, Quebec	NU, Iqaluit	0	0	1,270	0
QC, Quebec	QC - North	0	0	25,819	0
QC, Sept Iles	NU, Iqaluit	0	0	1	0
	Total cargo volumes	225,207	6,871	225,207	6,871

1999	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	PE, Charlottetown	17100	137	0	0	0
MB, Churchill	NL, not specified	18000	607	0	0	0
MB, Churchill	NL, not specified	19990	2	0	0	0
NB, Saint John	NL, Goose Bay	17200	2,956	0	0	0
NB, Saint John	QC - North	17100	5,318	0	0	0
NB, Saint John	QC - North	17200	861	0	0	0
NB, Saint John	QC - North	18000	11,242	0	0	0
NB, Saint John	QC - North	36310	9,796	0	0	0
NL, Corner Brook	NL, Goose Bay	19330	12	0	0	0
NL, Corner Brook	NL, Goose Bay	26212	142	0	0	0
NL, Corner Brook	NL, Goose Bay	28029	1,013	0	0	0
NL, Corner Brook	NL, Goose Bay	31100	632	0	0	0
NL, Corner Brook	NL, Goose Bay	31931	374	0	0	0
NL, Corner Brook	NL, Goose Bay	31959	132	0	0	0
NL, Corner Brook	NL, Goose Bay	33340	135	0	0	0
NL, Corner Brook	NL, Port Hope Simpson	33209	100	0	0	0
NL, Goose Bay	PE, Charlottetown	34520	8	0	0	0
NL, Goose Bay	NL, Corner Brook	19330	0	0	12	0
NL, Goose Bay	NL, Corner Brook	26212	0	0	142	0
NL, Goose Bay	NL, Corner Brook	28029	0	0	1,013	0
NL, Goose Bay	NL, Corner Brook	31100	0	0	632	0
NL, Goose Bay	NL, Corner Brook	31931	0	0	374	0
NL, Goose Bay	NL, Corner Brook	31959	0	0	132	0
NL, Goose Bay	NL, Corner Brook	33340	0	0	135	0
NL, Goose Bay	NS, Halifax	17100	0	0	2,985	0
NL, Goose Bay	NS, Halifax	17200	0	0	18,255	0
NL, Goose Bay	NS, Halifax	18000	0	0	6,462	0
NL, Goose Bay	NL, Holyrood	17100	0	0	3,990	0
NL, Goose Bay	QC, Quebec	17100	0	0	2,394	0

NL, Goose Bay	QC, Quebec	18000	0	0	3,859	0
NL, Goose Bay	NB, Saint John	17200	0	0	2,956	0
NL, Holyrood	NL, Goose Bay	17100	3,990	0	0	0
NL, not specified	MB, Churchill	17100	0	0	137	0
NL, not specified	MB, Churchill	18000	0	0	607	0
NL, not specified	MB, Churchill	19990	0	0	2	0
NL, not specified	NL, Port Hope Simpson	34520	6,489	0	0	0
NL, Port Hope Simpson	NL, Corner Brook	33209	0	0	100	0
NL, Port Hope Simpson	NL, not specified	34520	0	0	6,489	0
NS, Halifax	NL, Goose Bay	17100	2,985	0	0	0
NS, Halifax	NL, Goose Bay	17200	18,255	0	0	0
NS, Halifax	NL, Goose Bay	18000	6,462	0	0	0
NT, not specified	QC, Becancour	42390	0	0	1,462	0
NT, not specified	QC, Cote-Ste-Catherine	33340	0	0	126	334
NT, not specified	QC, Cote-Ste-Catherine	33992	3	0	0	0
NT, not specified	QC, Cote-Ste-Catherine	42390	201	262	10,756	3,406
NT, not specified	QC, Montreal	14996	600	0	0	0
NT, not specified	QC, Montreal	33340	0	0	63	0
NT, not specified	QC, Montreal	42390	144	277	5,552	1,762
NU, Iqaluit	QC, Becancour	42390	0	0	400	0
NU, Iqaluit	QC, Cote-Ste-Catherine	42390	66	47	7,632	1,141
NU, Iqaluit	QC, Montreal	42390	268	2,541	15,152	1,809
NU, Iqaluit	QC, Sept-Iles	42390	442	2,128	0	0
PE, Charlottetown	NL, Goose Bay	34520	0	0	8	0
QC, Becancour	NU, Iqaluit	42390	400	0	0	0
QC, Becancour	NT, not specified	42390	1,462	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	42390	7,632	1,141	66	47
QC, Cote-Ste-Catherine	NT, not specified	33340	126	334	0	0
QC, Cote-Ste-Catherine	NT, not specified	33992	0	0	3	0
QC, Cote-Ste-Catherine	NT, not specified	42390	10,756	3,406	201	262
QC, Montreal	NU, Iqaluit	42390	15,152	1,809	268	2,541
QC, Montreal	NT, not specified	14996	0	0	600	0
QC, Montreal	NT, not specified	33340	63	0	0	0
QC, Montreal	NT, not specified	42390	5,552	1,762	144	277
QC, Montreal	QC - North	17100	6,783	0	0	0
QC, Montreal	QC - North	17200	8,454	0	0	0
QC, Montreal	QC - North	18000	27,937	0	0	0
QC, Montreal	QC - North	42390	1,183	0	0	0
QC - North	QC, Montreal	17100	0	0	6,783	0
QC - North	QC, Montreal	17200	0	0	8,454	0
QC - North	QC, Montreal	18000	0	0	27,937	0
QC - North	QC, Montreal	42390	0	0	1,183	0
QC - North	NB, Saint John	17100	0	0	861	0
QC - North	NB, Saint John	17200	0	0	5,318	0
QC - North	NB, Saint John	17200	0	0	11,242	0
QC - North	NB, Saint John	36310	0	0	9,796	0
QC, Quebec	NL, Goose Bay	17100	2,394	0	0	0
QC, Quebec	NL, Goose Bay	18000	3,859	0	0	0
QC, Sept-Iles	NU, Iqaluit	42390	0	0	442	2,128
	Total cargo volumes		165,125	13,707	165,125	13,707

2000	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NB, Saint John	QC, Deception Bay	17200	1,076	0	0	0
NB, Saint John	QC, Deception Bay	36310	28,248	0	0	0
NB, Saint John	NL, Goose Bay	17200	5,901	0	0	0
NB, Saint John	NL, Goose Bay	19930	2,283	0	0	0
NL, Cartwright	QC, Baie-Comeau	42390	31	0	0	0

NL, Come-By-Chance	NL, Goose Bay	17200	3,110	0	0	0
NL, Goose Bay	NL, Come-By-Chance	17200	0	0	3,110	0
NL, Goose Bay	NS, Halifax	17100	0	0	520	0
NL, Goose Bay	NS, Halifax	17200	0	0	42,345	0
NL, Goose Bay	NS, Halifax	18000	0	0	4,108	0
NL, Goose Bay	NL, Holyrood	17100	0	0	3,673	0
NL, Goose Bay	QC, Montreal	17200	0	0	16,083	0
NL, Goose Bay	QC, Quebec	17100	0	0	4,016	0
NL, Goose Bay	QC, Quebec	18000	0	0	7,822	0
NL, Goose Bay	NB, Saint John	17200	0	0	5,901	0
NL, Goose Bay	NB, Saint John	19930	0	0	2,283	0
NL, Holyrood	NL, Goose Bay	17100	3,673	0	0	0
NL, Saglek Bay	QC, Cote-Ste-Catherine	42390	100	10	33	0
NS, Halifax	NL, Goose Bay	17100	520	0	0	0
NS, Halifax	NL, Goose Bay	17200	42,345	0	0	0
NS, Halifax	NL, Goose Bay	18000	4,108	0	0	0
NU, Arctic Bay	QC, Cote-Ste-Catherine	42390	0	150	0	0
NU, Belcher Islands	QC, Cote-Ste-Catherine	42390	0	0	270	87
NU, Broughton Island	QC, Sept-Iles	42390	0	0	2	0
NU, Cape Aston	QC, Cote-Ste-Catherine	42390	20	0	0	0
NU, Cape Dyer	QC, Cote-Ste-Catherine	42390	20	0	0	0
NU, Cape Dorset	QC, Cote-Ste-Catherine	42390	20	30	310	10
NU, Cape Dorset	QC, Valleyfield	42390	208	887	220	1,461
NU, Coral Harbour	QC, Cote-Ste-Catherine	42390	0	0	115	4
NU, Coral Harbour	QC, Valleyfield	42390	1	693	202	693
NU, Grisefiord	QC, Cote-Ste-Catherine	42390	0	0	50	0
NU, Hall Beach	QC, Cote-Ste-Catherine	42390	0	0	46	0
NU, Hall Beach	QC, Sept-Iles	42390	0	0	46	0
NU, Igloolik	QC, Cote-Ste-Catherine	42390	0	0	228	0
NU, Igloolik	QC, Sept-Iles	42390	0	0	51	0
NU, Iqaluit	QC, Cote-Ste-Catherine	42390	0	0	15,534	207
NU, Iqaluit	QC, Sept-Iles	42390	0	0	1,032	0
NU, Iqaluit	QC, Valleyfield	42390	0	0	1,893	0
NU, Lake Harbour	QC, Cote-Ste-Catherine	42390	10	50	188	99
NU, Nanisivik	QC, Cote-Ste-Catherine	42390	0	0	1,700	0
NU, Pangnirtung	QC, Cote-Ste-Catherine	42390	0	0	293	96
NU, Pangnirtung	QC, Valleyfield	42390	3	819	137	0
NU, Pond Inlet	QC, Cote-Ste-Catherine	42390	0	60	425	0
NU, Rankin Inlet	QC, Cote-Ste-Catherine	42390	0	0	83	37
NU, Rankin Inlet	QC, Valleyfield	42390	0	712	54	712
NU, Repulse Bay	QC, Cote-Ste-Catherine	42390	0	0	342	0
NU, Repulse Bay	QC, Sept-Iles	42390	0	0	1	0
NU, Resolute Bay	QC, Cote-Ste-Catherine	42390	0	10	350	0
QC, Akulivik	QC, Cote-Ste-Catherine	42390	0	0	130	258
QC, Akulivik	QC, Montreal	17100	0	0	125	0
QC, Akulivik	QC, Montreal	18000	0	0	1,258	0
QC, Akulivik	QC, Valleyfield	42390	12	0	255	39
QC, Baie-Comeau	NL, Cartwright	42390	0	0	31	0
QC, Becancour	QC, Deception Bay	23902	0	63	0	0
QC, Cote-Ste-Catherine	QC, Akulivik	42390	130	258	0	0
QC, Cote-Ste-Catherine	NU, Arctic Bay	42390	0	0	0	150
QC, Cote-Ste-Catherine	NU, Belcher Islands	42390	270	87	0	0
QC, Cote-Ste-Catherine	NU, Cape Aston	42390	0	0	20	0
QC, Cote-Ste-Catherine	NU, Cape Dyer	42390	0	0	20	0
QC, Cote-Ste-Catherine	NU, Dorset	42390	310	10	20	30
QC, Cote-Ste-Catherine	NU, Coral Harbour	42390	115	4	0	0
QC, Cote-Ste-Catherine	QC, Deception Bay	42390	1,366	655	50	25
QC, Cote-Ste-Catherine	QC, Fort Chimo	42390	1,649	0	0	0
QC, Cote-Ste-Catherine	QC, George River	42390	908	112	0	0
QC, Cote-Ste-Catherine	NU, Grisefiord	42390	50	0	0	0

QC, Cote-Ste-Catherine	NU, Hall Beach	42390	46	0	0	0
QC, Cote-Ste-Catherine	QC, Hope Advance Bay	42390	258	47	92	5
QC, Cote-Ste-Catherine	NU, Igloolik	42390	228	0	0	0
QC, Cote-Ste-Catherine	QC, Inukjuak	42390	383	439	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	42390	15,534	207	0	0
QC, Cote-Ste-Catherine	QC, Ivujivik	42390	71	199	0	0
QC, Cote-Ste-Catherine	QC, Kangirsuk	42390	325	263	2	12
QC, Cote-Ste-Catherine	QC, Kuujjuaq	42390	2,638	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuarapik	42390	200	97	0	0
QC, Cote-Ste-Catherine	NU, Lake Harbour	42390	188	99	10	50
QC, Cote-Ste-Catherine	NU, Nanisivik	42390	1,700	0	0	0
QC, Cote-Ste-Catherine	NU, Pangnirtung	42390	293	96	0	0
QC, Cote-Ste-Catherine	NU, Pond Inlet	42390	425	0	0	60
QC, Cote-Ste-Catherine	QC, Port Harrison	42390	122	291	0	0
QC, Cote-Ste-Catherine	QC, Povungnituk	42390	259	583	0	0
QC, Cote-Ste-Catherine	QC, Quaqtaq	42390	167	45	0	7
QC, Cote-Ste-Catherine	NU, Rankin Inlet	42390	83	37	0	0
QC, Cote-Ste-Catherine	NU, Repulse Bay	42390	342	0	0	0
QC, Cote-Ste-Catherine	NU, Resolute Bay	42390	350	0	0	10
QC, Cote-Ste-Catherine	NL, Saglek Bay	42390	33	0	100	10
QC, Cote-Ste-Catherine	QC, Salluit	42390	1,393	644	10	270
QC, Cote-Ste-Catherine	QC, Tasiujaq	42390	305	64	0	12
QC, Cote-Ste-Catherine	QC, Umiujaq	42390	91	113	0	0
QC, Cote-Ste-Catherine	QC, Wakeham Bay	42390	606	88	0	50
QC, Deception Bay	QC, Becancour	23902	0	0	0	63
QC, Deception Bay	QC, Cote-Ste-Catherine	42390	50	25	1,366	655
QC, Deception Bay	NB, Saint John	17200	0	0	1,076	0
QC, Deception Bay	NB, Saint John	36310	0	0	28,248	0
QC, Fort Chimo	QC, Cote-Ste-Catherine	42390	0	0	1,649	0
QC, George River	QC, Cote-Ste-Catherine	42390	0	0	908	112
QC, George River	QC, Montreal	17100	0	0	264	0
QC, George River	QC, Montreal	18000	0	0	1,570	0
QC, George River	QC, Valleyfield	42390	0	0	9	0
QC, Great Whale River	QC, Montreal	17100	0	0	441	0
QC, Great Whale River	QC, Montreal	17200	0	0	826	0
QC, Great Whale River	QC, Montreal	18000	0	0	3,750	0
QC, Hope Advance Bay	QC, Cote-Ste-Catherine	42390	92	5	258	47
QC, Hope Advance Bay	QC, Montreal	17100	0	0	67	0
QC, Hope Advance Bay	QC, Montreal	19209	0	0	587	0
QC, Inukjuak	QC, Cote-Ste-Catherine	42390	0	0	383	439
QC, Inukjuak	QC, Sept-Iles	42390	0	0	812	0
QC, Inukjuak	QC, Valleyfield	42390	0	324	962	386
QC, Ivujivik	QC, Cote-Ste-Catherine	42390	0	0	71	199
QC, Ivujivik	QC, Montreal	17100	0	0	83	0
QC, Ivujivik	QC, Montreal	17200	0	0	494	0
QC, Ivujivik	QC, Montreal	18000	0	0	825	0
QC, Ivujivik	QC, Valleyfield	42390	18	0	93	39
QC, Kangirsuk	QC, Cote-Ste-Catherine	42390	2	12	325	263
QC, Kangirsuk	QC, Montreal	17100	0	0	277	0
QC, Kangirsuk	QC, Montreal	17200	0	0	1,721	0
QC, Kangirsuk	QC, Valleyfield	42390	0	0	13	0
QC, Kuujjuaq	QC, Cote-Ste-Catherine	42390	0	0	2,638	0
QC, Kuujjuaq	QC, Montreal	17100	0	0	1,651	0
QC, Kuujjuaq	QC, Montreal	17200	0	0	3,433	0
QC, Kuujjuaq	QC, Montreal	18000	0	0	5,101	0
QC, Kuujjuaq	QC, Sept-Iles	42390	0	0	331	0
QC, Kuujjuaq	QC, Valleyfield	42390	0	0	3,723	0
QC, Kuujjuarapik	QC, Cote-Ste-Catherine	42390	0	0	200	97
QC, Kuujjuarapik	QC, Sept-Iles	42390	0	0	480	0
QC, Kuujjuarapik	QC, Valleyfield	42390	0	0	852	0

QC, Matane	QC, Quaqtaq	42390	59	0	0	0
QC, Montreal	QC, Akulivik	17100	125	0	0	0
QC, Montreal	QC, Akulivik	18100	1,258	0	0	0
QC, Montreal	QC, George River	17100	264	0	0	0
QC, Montreal	QC, George River	18000	1,570	0	0	0
QC, Montreal	NL, Goose Bay	17200	16,083	0	0	0
QC, Montreal	QC, Great Whale River	17100	441	0	0	0
QC, Montreal	QC, Great Whale River	17200	826	0	0	0
QC, Montreal	QC, Great Whale River	18000	3,750	0	0	0
QC, Montreal	QC, Hope Advance Bay	17100	67	0	0	0
QC, Montreal	QC, Hope Advance Bay	19209	587	0	0	0
QC, Montreal	QC, Ivujivik	17100	83	0	0	0
QC, Montreal	QC, Ivujivik	17200	494	0	0	0
QC, Montreal	QC, Ivujivik	18000	825	0	0	0
QC, Montreal	QC, Kangirsuk	17100	277	0	0	0
QC, Montreal	QC, Kangirsuk	17200	1,721	0	0	0
QC, Montreal	QC, Kuujjuaq	17100	1,651	0	0	0
QC, Montreal	QC, Kuujjuaq	17200	3,433	0	0	0
QC, Montreal	QC, Kuujjuaq	18000	5,101	0	0	0
QC, Montreal	QC, Port Harrison	17100	418	0	0	0
QC, Montreal	QC, Port Harrison	17200	293	0	0	0
QC, Montreal	QC, Port Harrison	18000	2,896	0	0	0
QC, Montreal	QC, Povungnituk	17100	257	0	0	0
QC, Montreal	QC, Povungnituk	17200	1,201	0	0	0
QC, Montreal	QC, Povungnituk	18000	3,209	0	0	0
QC, Montreal	QC, Quaqtaq	17100	101	0	0	0
QC, Montreal	QC, Quaqtaq	18000	1,062	0	0	0
QC, Montreal	QC, Salluit	17100	218	0	0	0
QC, Montreal	QC, Salluit	17200	517	0	0	0
QC, Montreal	QC, Salluit	18000	2,357	0	0	0
QC, Montreal	QC, Tasiujaq	17100	130	0	0	0
QC, Montreal	QC, Tasiujaq	19209	746	0	0	0
QC, Montreal	QC, Umiujaq	17100	85	0	0	0
QC, Montreal	QC, Umiujaq	17100	85	0	0	0
QC, Montreal	QC, Umiujaq	18000	1,071	0	0	0
QC, Montreal	QC, Wakeham Bay	17100	184	0	0	0
QC, Montreal	QC, Wakeham Bay	17200	939	0	0	0
QC, Montreal	QC, Wakeham Bay	18000	1,286	0	0	0
QC, Port Harrison	QC, Cote-Ste-Catherine	42390	0	0	122	291
QC, Port Harrison	QC, Montreal	17100	0	0	418	0
QC, Port Harrison	QC, Montreal	17200	0	0	293	0
QC, Port Harrison	QC, Montreal	18000	0	0	2,896	0
QC, Povungnituk	QC, Cote-Ste-Catherine	42390	0	0	259	583
QC, Povungnituk	QC, Montreal	17100	0	0	257	0
QC, Povungnituk	QC, Montreal	17200	0	0	1,201	0
QC, Povungnituk	QC, Montreal	18000	0	0	3,209	0
QC, Povungnituk	QC, Sept-Iles	42390	0	0	312	0
QC, Povungnituk	QC, Valleyfield	42390	249	231	2,012	424
QC, Quaqtaq	QC, Cote-Ste-Catherine	42390	0	7	167	45
QC, Quaqtaq	QC, Matane	42390	0	0	59	0
QC, Quaqtaq	QC, Montreal	17100	0	0	101	0
QC, Quaqtaq	QC, Montreal	18000	0	0	1,062	0
QC, Quaqtaq	QC, Valleyfield	42390	0	0	5	0
QC, Quebec	NL, Goose Bay	17100	4,016	0	0	0
QC, Quebec	NL, Goose Bay	18000	7,822	0	0	0
QC, Salluit	QC, Cote-Ste-Catherine	42390	10	270	1,393	644
QC, Salluit	QC, Montreal	17100	0	0	218	0
QC, Salluit	QC, Montreal	17200	0	0	517	0
QC, Salluit	QC, Montreal	18000	0	0	2,357	0
QC, Salluit	QC, Sept-Iles	42390	0	0	25	0

QC, Salluit	QC, Valleyfield	42390	0	0	2,637	770
QC, Sept-Iles	NU, Broughton Island	42390	2	0	0	0
QC, Sept-Iles	NU, Hall Beach	42390	46	0	0	0
QC, Sept-Iles	NU, Igloolik	42390	51	0	0	0
QC, Sept-Iles	QC, Inukjuak	42390	812	0	0	0
QC, Sept-Iles	NU, Iqaluit	42390	1,032	0	0	0
QC, Sept-Iles	QC, Kuujjuaq	42390	331	0	0	0
QC, Sept-Iles	QC, Kuujjuarapik	42390	480	0	0	0
QC, Sept-Iles	QC, Povungnituk	42390	312	0	0	0
QC, Sept-Iles	NU, Repulse Bay	42390	1	0	0	0
QC, Sept-Iles	QC, Salluit	42390	25	0	0	0
QC, Sept-Iles	QC, Umiujaq	42390	31	0	0	0
QC, Tasiujaq	QC, Cote-Ste-Catherine	42390	0	12	305	64
QC, Tasiujaq	QC, Montreal	17100	0	0	130	0
QC, Tasiujaq	QC, Montreal	19209	0	0	746	0
QC, Umiujaq	QC, Cote-Ste-Catherine	42390	0	0	91	113
QC, Umiujaq	QC, Montreal	17100	0	0	85	0
QC, Umiujaq	QC, Montreal	17100	0	0	85	0
QC, Umiujaq	QC, Montreal	18000	0	0	1,071	0
QC, Umiujaq	QC, Sept-Iles	42390	0	0	31	0
QC, Umiujaq	QC, Valleyfield	42390	0	77	1,233	0
QC, Valleyfield	QC, Akulivik	42390	255	39	12	0
QC, Valleyfield	NU, Dorset	42390	220	1,461	208	887
QC, Valleyfield	NU, Coral Harbour	42390	202	693	1	693
QC, Valleyfield	QC, George River	42390	9	0	0	0
QC, Valleyfield	QC, Inukjuak	42390	962	386	0	324
QC, Valleyfield	NU, Iqaluit	42390	1,893	0	0	0
QC, Valleyfield	QC, Ivujivik	42390	93	39	18	0
QC, Valleyfield	QC, Kangirsuk	42390	13	0	0	0
QC, Valleyfield	QC, Kuujjuaq	42390	3,723	0	0	0
QC, Valleyfield	QC, Kuujjuarapik	42390	852	0	0	0
QC, Valleyfield	NU, Pangnirtung	42390	137	0	3	819
QC, Valleyfield	QC, Povungnituk	42390	2,012	424	249	231
QC, Valleyfield	QC, Quaqtaq	42390	5	0	0	0
QC, Valleyfield	NU, Rankin Inlet	42390	54	712	0	712
QC, Valleyfield	QC, Salluit	42390	2,637	770	0	0
QC, Valleyfield	QC, Umiujaq	42390	1,233	0	0	77
QC, Valleyfield	QC, Wakeham Bay	42390	95	0	0	0
QC, Wakeham Bay	QC, Cote-Ste-Catherine	42390	0	50	606	88
QC, Wakeham Bay	QC, Montreal	17100	0	0	184	0
QC, Wakeham Bay	QC, Montreal	17200	0	0	939	0
QC, Wakeham Bay	QC, Montreal	18000	0	0	1,286	0
QC, Wakeham Bay	QC, Valleyfield	42390	0	0	95	0
	Total cargo volumes		207,974	13,459	207,974	13,459

2001	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NB, Saint John	NL, Goose Bay	17200	3,942	0	0	0
NL, Come-By-Chance	NU, Hall Beach	18000	1,000	0	0	0
NL, Come-By-Chance	NU, Iqaluit	18000	6,500	0	0	0
NL, Come-By-Chance	NT, not specified	18000	1,000	0	0	0
NL, Come-By-Chance	NU, Port Burwell	18000	3,300	0	0	0
NL, Come-By-Chance	NU, Rankin Inlet	18000	3,300	0	0	0
NL, Come-By-Chance	NT, Resolution Island	18000	700	0	0	0
NL, Come-By-Chance	NU, Igloolik	18000	2,600	0	0	0
NL, Goose Bay	NS, Halifax	17100	0	0	3,154	0
NL, Goose Bay	NS, Halifax	17200	0	0	32,611	0
NL, Goose Bay	NS, Halifax	18000	0	0	4,958	0
NL, Goose Bay	NL, Holyrood	17100	0	0	3,825	0

NL, Goose Bay	QC, Montreal	17200	0	0	9,856	0
NL, Goose Bay	QC, Quebec	17100	0	0	1,700	0
NL, Goose Bay	QC, Quebec	18000	0	0	2,807	0
NL, Goose Bay	NB, Saint John	17200	0	0	3,942	0
NL, Holyrood	NL, Goose Bay	17100	3,825	0	0	0
NS, Halifax	NL, Goose Bay	17100	3,154	0	0	0
NS, Halifax	NL, Goose Bay	17200	32,611	0	0	0
NS, Halifax	NL, Goose Bay	18000	4,958	0	0	0
NT, not specified	NL, Come-By-Chance	18000	0	0	1,000	0
NT, not specified	QC, Cote-Ste-Catherine	42390	0	0	291	0
NU, Arctic Bay	QC, Cote-Ste-Catherine	42390	0	4	566	98
NU, Arctic Bay	QC, Valleyfield	42390	328	30	221	189
NU, Belcher Islands	QC, Cote-Ste-Catherine	42390	0	0	465	0
NU, Broughton Island	QC, Cote-Ste-Catherine	42390	0	4	215	101
NU, Broughton Island	QC, Valleyfield	42390	0	0	13	116
NU, Cape Aston	QC, Cote-Ste-Catherine	42390	0	6	1,474	15
NU, Cape Aston	QC, Valleyfield	42390	0	85	199	457
NU, Cape Dorset	QC, Cote-Ste-Catherine	42390	5	21	600	138
NU, Cape Dorset	QC, Valleyfield	34999	16	0	0	0
NU, Cape Dorset	QC, Valleyfield	42390	14	27	178	304
NU, Cape Dyer	QC, Cote-Ste-Catherine	42390	12	0	0	0
NU, Coral Harbour	QC, Cote-Ste-Catherine	42390	0	16	226	86
NU, Coral Harbour	QC, Valleyfield	34999	0	0	198	0
NU, Coral Harbour	QC, Valleyfield	42390	0	0	0	18
NU, Cornwallis Island	QC, Becancour	42390	0	0	0	26
NU, Cornwallis Island	QC, Valleyfield	42390	7	79	262	316
NU, Grisefiord	QC, Cote-Ste-Catherine	42390	0	8	383	143
NU, Hall Beach	NL, Come-By-Chance	18000	0	0	1,000	0
NU, Hall Beach	QC, Cote-Ste-Catherine	42390	0	0	528	0
NU, Hall Beach	QC, Valleyfield	42390	0	0	131	35
NU, Igloolik	NL, Come-By-Chance	18000	0	0	2,600	0
NU, Igloolik	QC, Cote-Ste-Catherine	42390	0	0	598	0
NU, Igloolik	QC, Valleyfield	42390	0	0	287	12
NU, Iqaluit	NL, Come-By-Chance	18000	0	0	6,500	0
NU, Iqaluit	QC, Cote-Ste-Catherine	17100	0	0	0	4
NU, Iqaluit	QC, Cote-Ste-Catherine	18000	0	0	455	0
NU, Iqaluit	QC, Cote-Ste-Catherine	42390	39	99	5,543	542
NU, Iqaluit	QC, Sept-Iles	19321	12	0	0	0
NU, Iqaluit	QC, Valleyfield	18000	0	360	0	0
NU, Iqaluit	QC, Valleyfield	42390	16	2,349	646	2,531
NU, Lake Harbour	QC, Cote-Ste-Catherine	42390	17	16	713	80
NU, Lake Harbour	QC, Valleyfield	42390	0	17	8	81
NU, Nanisivik	QC, Cote-Ste-Catherine	42390	77	68	2,093	396
NU, Pangnirtung	QC, Cote-Ste-Catherine	42390	0	24	3,054	122
NU, Pangnirtung	QC, Valleyfield	34999	0	0	6	0
NU, Pangnirtung	QC, Valleyfield	36101	0	0	7	0
NU, Pangnirtung	QC, Valleyfield	42390	0	1,200	447	141
NU, Pelly Bay	QC, Cote-Ste-Catherine	42390	0	0	4	0
NU, Pond Inlet	QC, Cote-Ste-Catherine	42390	1,202	0	2,548	292
NU, Pond Inlet	QC, Valleyfield	42390	0	84	61	402
NU, Port Burwell	NL, Come-By-Chance	18000	0	0	3,300	0
NU, Port Burwell	QC, Cote-Ste-Catherine	42390	0	0	498	0
NU, Port Burwell	QC, Sept-Iles	42390	0	0	199	0
NU, Rankin Inlet	QC Blanc Sablon	42390	50	0	0	0
NU, Rankin Inlet	NL, Come-By-Chance	18000	0	0	3,300	0
NU, Rankin Inlet	QC, Cote-Ste-Catherine	42390	14	2	158	23
NU, Rankin Inlet	QC, Valleyfield	42390	0	0	225	2
NU, Repulse Bay	QC, Cote-Ste-Catherine	42390	0	0	284	0
NU, Repulse Bay	QC, Valleyfield	42390	0	0	144	1
NU, Resolute Bay	QC, Cote-Ste-Catherine	42390	0	0	306	70

NU, Resolute Bay	QC, Valleyfield	42390	1	0	10	22
NU, Resolution Island	NL, Come-By-Chance	18000	0	0	700	0
NU, Resolution Island	QC, Cote-Ste-Catherine	42390	16	0	91	0
ON, Fort Albany	QC, Chicoutimi	42390	5,520	0	0	0
ON, Fort Albany	QC, Cote-Ste-Catherine	42390	0	0	315	0
QC, Akulivik	QC, Cote-Ste-Catherine	42390	2	35	30	93
QC, Akulivik	QC, Montreal	17100	0	0	134	0
QC, Akulivik	QC, Montreal	18000	0	0	1,170	0
QC, Akulivik	QC, Valleyfield	42390	6	0	17	520
QC, Becancour,	NU, Cornwallis Island	42390	0	26	0	0
QC, Blanc Sablon	NU, Rankin Inlet	42390	0	0	50	0
QC, Chicoutimi	ON, Fort Albany	42390	0	0	5,520	0
QC, Cote-Ste-Catherine	QC, Akulivik	42390	30	93	2	35
QC, Cote-Ste-Catherine	NU, Arctic Bay	42390	566	98	0	4
QC, Cote-Ste-Catherine	NU, Belcher Islands	42390	465	0	0	0
QC, Cote-Ste-Catherine	NU, Broughton Island	42390	215	101	0	4
QC, Cote-Ste-Catherine	NU, Cape Aston	42390	1,474	15	0	6
QC, Cote-Ste-Catherine	NU, Cape Dorset	42390	600	138	5	21
QC, Cote-Ste-Catherine	NU, Cape Dyer	42390	0	0	12	0
QC, Cote-Ste-Catherine	NU, Coral Harbour	42390	226	86	0	16
QC, Cote-Ste-Catherine	QC, Deception Bay	42390	218	174	45	147
QC, Cote-Ste-Catherine	ON, Fort Albany	42390	315	0	0	0
QC, Cote-Ste-Catherine	QC, George River	42390	514	0	6	25
QC, Cote-Ste-Catherine	QC, Great Whale River	42390	558	0	0	0
QC, Cote-Ste-Catherine	NU, Grisefiord	42390	383	143	0	8
QC, Cote-Ste-Catherine	NU, Hall Beach	42390	528	0	0	0
QC, Cote-Ste-Catherine	QC, Hope Advance Bay	42390	60	0	0	0
QC, Cote-Ste-Catherine	NU, Igloolik	42390	598	0	0	0
QC, Cote-Ste-Catherine	QC, Inukjuak	42390	1,126	294	5	34
QC, Cote-Ste-Catherine	NU, Iqaluit	17100	0	4	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	18000	455	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	42390	5,543	542	39	99
QC, Cote-Ste-Catherine	QC, Ivujivik	42390	233	98	10	26
QC, Cote-Ste-Catherine	QC, Kangirsuk	42390	74	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuaq	17100	0	15	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuaq	18000	422	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuaq	42390	2,075	0	0	0
QC, Cote-Ste-Catherine	NU, Lake Harbour	42390	713	80	17	16
QC, Cote-Ste-Catherine	NU, Nanisivik	42390	2,093	396	77	68
QC, Cote-Ste-Catherine	NT, not specified	42390	291	0	0	0
QC, Cote-Ste-Catherine	NU, Pangnirtung	42390	3,054	122	0	24
QC, Cote-Ste-Catherine	NU, Pelly Bay	42390	4	0	0	0
QC, Cote-Ste-Catherine	NU, Pond Inlet	42390	2,548	292	1,202	0
QC, Cote-Ste-Catherine	NU, Port Burwell	42390	498	0	0	0
QC, Cote-Ste-Catherine	QC, Povungnituk	42390	1,434	0	0	0
QC, Cote-Ste-Catherine	QC, Quaqtaq	42390	137	0	0	0
QC, Cote-Ste-Catherine	NU, Rankin Inlet	42390	158	23	14	2
QC, Cote-Ste-Catherine	NU, Repulse Bay	42390	284	0	0	0
QC, Cote-Ste-Catherine	NU, Resolute Bay	42390	306	70	0	0
QC, Cote-Ste-Catherine	NT, Resolution Island	42390	91	0	16	0
QC, Cote-Ste-Catherine	QC, Salluit	42390	379	304	105	105
QC, Cote-Ste-Catherine	QC, Tasiujaq	42390	50	0	0	0
QC, Cote-Ste-Catherine	QC, Umiujaq	42390	324	0	0	0
QC, Cote-Ste-Catherine	QC, Wakeham Bay	42390	35	60	208	12
QC, Deception Bay	QC, Cote-Ste-Catherine	42390	45	147	218	174
QC, Deception Bay	QC, Montreal	17200	0	0	6,893	0
QC, Deception Bay	QC, Montreal	18000	0	0	10,013	0
QC, Deception Bay	QC, Quebec	14991	42,282	0	0	0
QC, Deception Bay	QC, Valleyfield	42390	125	0	0	0
QC, George River	QC, Cote-Ste-Catherine	42390	6	25	514	0

QC, George River	QC, Montreal	17100	0	0	358	0
QC, George River	QC, Montreal	19209	0	0	1,822	0
QC, George River	QC, Valleyfield	34999	0	0	17	0
QC, George River	QC, Valleyfield	37310	0	0	11	0
QC, George River	QC, Valleyfield	42390	7	61	48	112
QC, Great Whale River	QC, Cote-Ste-Catherine	42390	0	0	558	0
QC, Hope Advance Bay	QC, Cote-Ste-Catherine	42390	0	0	60	0
QC, Hope Advance Bay	QC, Montreal	17100	0	0	130	0
QC, Hope Advance Bay	QC, Montreal	18000	0	0	531	0
QC, Hope Advance Bay	QC, Valleyfield	42390	3	3	45	15
QC, Inukjuak	QC, Cote-Ste-Catherine	42390	5	34	1,126	294
QC, Inukjuak	QC, Valleyfield	42390	0	0	542	226
QC, Ivujivik	QC, Cote-Ste-Catherine	42390	10	26	233	98
QC, Ivujivik	QC, Montreal	17100	0	0	113	0
QC, Ivujivik	QC, Montreal	17200	0	0	248	0
QC, Ivujivik	QC, Montreal	18000	0	0	911	0
QC, Ivujivik	QC, Valleyfield	42390	5	0	68	9
QC, Kangirsuk	QC, Cote-Ste-Catherine	42390	0	0	74	0
QC, Kangirsuk	QC, Montreal	17100	0	0	242	0
QC, Kangirsuk	QC, Montreal	17200	0	0	1,059	0
QC, Kangirsuk	QC, Montreal	18000	0	0	2,852	0
QC, Kangirsuk	QC, Valleyfield	42390	10	23	266	185
QC, Kuujjuaq	QC, Cote-Ste-Catherine	17100	0	0	0	15
QC, Kuujjuaq	QC, Cote-Ste-Catherine	18000	0	0	422	0
QC, Kuujjuaq	QC, Cote-Ste-Catherine	42390	0	0	2,075	0
QC, Kuujjuaq	QC, Montreal	17100	0	0	1,731	0
QC, Kuujjuaq	QC, Montreal	17200	0	0	4,327	0
QC, Kuujjuaq	QC, Montreal	18000	0	0	5,061	0
QC, Kuujjuaq	QC, Quebec	42390	0	11	0	0
QC, Kuujjuaq	QC, Valleyfield	34999	308	0	36	0
QC, Kuujjuaq	QC, Valleyfield	42390	359	1,537	511	2,254
QC, Kuujjuarapik	QC, Montreal	17100	0	0	447	0
QC, Kuujjuarapik	QC, Montreal	17200	0	0	1,306	0
QC, Kuujjuarapik	QC, Montreal	18000	0	0	4,081	0
QC, Kuujjuarapik	QC, Valleyfield	42390	15	0	34	29
QC, Montreal	QC, Akulivik	17100	134	0	0	0
QC, Montreal	QC, Akulivik	18000	1,170	0	0	0
QC, Montreal	QC, Deception Bay	17200	6,893	0	0	0
QC, Montreal	QC, Deception Bay	18000	10,013	0	0	0
QC, Montreal	QC, George River	17100	358	0	0	0
QC, Montreal	QC, George River	19209	1,822	0	0	0
QC, Montreal	NL, Goose Bay	17200	9,856	0	0	0
QC, Montreal	QC, Hope Advance Bay	17100	130	0	0	0
QC, Montreal	QC, Hope Advance Bay	18000	531	0	0	0
QC, Montreal	QC, Ivujivik	17100	113	0	0	0
QC, Montreal	QC, Ivujivik	17200	248	0	0	0
QC, Montreal	QC, Ivujivik	18000	911	0	0	0
QC, Montreal	QC, Kangirsuk	17100	242	0	0	0
QC, Montreal	QC, Kangirsuk	17200	1,059	0	0	0
QC, Montreal	QC, Kangirsuk	18000	2,852	0	0	0
QC, Montreal	QC, Kuujjuaq	17100	1,731	0	0	0
QC, Montreal	QC, Kuujjuaq	17200	4,327	0	0	0
QC, Montreal	QC, Kuujjuaq	18000	5,061	0	0	0
QC, Montreal	QC, Kuujjuarapik	17100	447	0	0	0
QC, Montreal	QC, Kuujjuarapik	17200	1,306	0	0	0
QC, Montreal	QC, Kuujjuarapik	18000	4,081	0	0	0
QC, Montreal	QC, Port Harrison	17100	496	0	0	0
QC, Montreal	QC, Port Harrison	17200	328	0	0	0
QC, Montreal	QC, Port Harrison	18000	3,163	0	0	0
QC, Montreal	QC, Povungnituk	17100	488	0	0	0

QC, Montreal	QC, Povungnituk	17200	1,452	0	0	0
QC, Montreal	QC, Povungnituk	19209	3,200	0	0	0
QC, Montreal	QC, Quaqtaq	17100	102	0	0	0
QC, Montreal	QC, Quaqtaq	18000	1,065	0	0	0
QC, Montreal	QC, Salluit	17100	334	0	0	0
QC, Montreal	QC, Salluit	17200	493	0	0	0
QC, Montreal	QC, Salluit	18000	526	0	0	0
QC, Montreal	QC, Salluit	19209	2,063	0	0	0
QC, Montreal	QC, Tasiujaq	17100	109	0	0	0
QC, Montreal	QC, Umiujaq	17100	116	0	0	0
QC, Montreal	QC, Umiujaq	19209	1,139	0	0	0
QC, Montreal	QC, Wakeham Bay	17100	183	0	0	0
QC, Montreal	QC, Wakeham Bay	17200	650	0	0	0
QC, Montreal	QC, Wakeham Bay	18000	1,290	0	0	0
QC, Port Harrison	QC, Montreal	17100	0	0	496	0
QC, Port Harrison	QC, Montreal	17200	0	0	328	0
QC, Port Harrison	QC, Montreal	18000	0	0	3,163	0
QC, Povungnituk	QC, Cote-Ste-Catherine	42390	0	0	1,434	0
QC, Povungnituk	QC, Montreal	17100	0	0	488	0
QC, Povungnituk	QC, Montreal	17200	0	0	1,452	0
QC, Povungnituk	QC, Montreal	19209	0	0	3,200	0
QC, Povungnituk	QC, Valleyfield	42390	0	66	644	128
QC, Quaqtaq	QC, Cote-Ste-Catherine	42390	0	0	137	0
QC, Quaqtaq	QC, Montreal	17100	0	0	102	0
QC, Quaqtaq	QC, Montreal	18000	0	0	1,065	0
QC, Quaqtaq	QC, Valleyfield	34999	0	0	0	24
QC, Quaqtaq	QC, Valleyfield	42390	0	0	29	0
QC, Quebec	QC, Deception Bay	14991	0	0	42,282	0
QC, Quebec	NL, Goose Bay	17100	1,700	0	0	0
QC, Quebec	NL, Goose Bay	18000	2,807	0	0	0
QC, Quebec	QC, Kuujjuaq	42390	0	0	0	11
QC, Salluit	QC, Cote-Ste-Catherine	42390	105	105	379	304
QC, Salluit	QC, Montreal	17100	0	0	334	0
QC, Salluit	QC, Montreal	17200	0	0	493	0
QC, Salluit	QC, Montreal	18000	0	0	526	0
QC, Salluit	QC, Montreal	19209	0	0	2,063	0
QC, Salluit	QC, Valleyfield	34999	0	0	220	0
QC, Salluit	QC, Valleyfield	42390	8	7	335	531
QC, Sept-Iles	NU, Iqaluit	19321	0	0	12	0
QC, Sept-Iles	NU, Port Burwell	42390	199	0	0	0
QC, Tasiujaq	QC, Cote-Ste-Catherine	42390	0	0	50	0
QC, Tasiujaq	QC, Montreal	17100	0	0	109	0
QC, Tasiujaq	QC, Valleyfield	42390	0	8	87	29
QC, Umiujaq	QC, Cote-Ste-Catherine	42390	0	0	324	0
QC, Umiujaq	QC, Montreal	17100	0	0	116	0
QC, Umiujaq	QC, Montreal	19209	0	0	1,139	0
QC, Umiujaq	QC, Valleyfield	42390	0	0	106	166
QC, Valleyfield	QC, Akulivik	42390	17	520	6	0
QC, Valleyfield	NU, Arctic Bay	42390	221	189	328	30
QC, Valleyfield	NU, Broughton Island	42390	13	116	0	0
QC, Valleyfield	NU, Cape Aston	42390	199	457	0	85
QC, Valleyfield	NU, Cape Dorset	34999	0	0	16	0
QC, Valleyfield	NU, Cape Dorset	42390	178	304	14	27
QC, Valleyfield	NU, Coral Harbour	34999	198	0	0	0
QC, Valleyfield	NU, Coral Harbour	42390	0	18	0	0
QC, Valleyfield	NU, Cornwallis Island	42390	262	316	7	79
QC, Valleyfield	QC, Deception Bay	42390	0	0	125	0
QC, Valleyfield	QC, George River	34999	17	0	0	0
QC, Valleyfield	QC, George River	37310	11	0	0	0
QC, Valleyfield	QC, George River	42390	48	112	7	61

QC, Valleyfield	NU, Hall Beach	42390	131	35	0	0
QC, Valleyfield	QC, Hope Advance Bay	42390	45	15	3	3
QC, Valleyfield	NU, Igloolik	42390	287	12	0	0
QC, Valleyfield	QC, Inukjuak	42390	542	226	0	0
QC, Valleyfield	NU, Iqaluit	18000	0	0	0	360
QC, Valleyfield	NU, Iqaluit	42390	646	2,531	16	2,349
QC, Valleyfield	QC, Ivujivik	42390	68	9	5	0
QC, Valleyfield	QC, Kangirsuk	42390	266	185	10	23
QC, Valleyfield	QC, Kuujjuaq	34999	36	0	308	0
QC, Valleyfield	QC, Kuujjuaq	42390	511	2,254	359	1,537
QC, Valleyfield	QC, Kuujjuarapik	42390	34	29	15	0
QC, Valleyfield	NU, Lake Harbour	42390	8	81	0	17
QC, Valleyfield	NU, Pangnirtung	34999	6	0	0	0
QC, Valleyfield	NU, Pangnirtung	36101	7	0	0	0
QC, Valleyfield	NU, Pangnirtung	42390	447	141	0	1,200
QC, Valleyfield	NU, Pond Inlet	42390	61	402	0	84
QC, Valleyfield	QC, Povungnituk	42390	644	128	0	66
QC, Valleyfield	QC, Quaqtaq	34999	0	24	0	0
QC, Valleyfield	QC, Quaqtaq	42390	29	0	0	0
QC, Valleyfield	NU, Rankin Inlet	42390	225	2	0	0
QC, Valleyfield	NU, Repulse Bay	42390	144	1	0	0
QC, Valleyfield	NU, Resolute Bay	42390	10	22	1	0
QC, Valleyfield	QC, Salluit	34999	220	0	0	0
QC, Valleyfield	QC, Salluit	42390	335	531	8	7
QC, Valleyfield	QC, Tasiujaq	42390	87	29	0	8
QC, Valleyfield	QC, Umiujaq	42390	106	166	0	0
QC, Valleyfield	QC, Wakeham Bay	34999	0	103	0	0
QC, Valleyfield	QC, Wakeham Bay	42390	173	204	0	7
QC, Wakeham Bay	QC, Cote-Ste-Catherine	42390	208	12	35	60
QC, Wakeham Bay	QC, Montreal	17100	0	0	183	0
QC, Wakeham Bay	QC, Montreal	17200	0	0	650	0
QC, Wakeham Bay	QC, Montreal	18000	0	0	1,290	0
QC, Wakeham Bay	QC, Valleyfield	34999	0	0	0	103
QC, Wakeham Bay	QC, Valleyfield	42390	0	7	173	204
	Total cargo volumes		228,242	18,942	228,242	18,942

2002	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NB, Belledune	NL, Saglek Bay	42390	212	0	0	0
NB, Saint John	NL, Goose Bay	17200	9,252	0	0	0
NL, Come-By-Chance	NU, Chesterfield Inlet	18000	1,067	0	0	0
NL, Come-By-Chance	NU, Igloolik	18000	1,067	0	0	0
NL, Come-By-Chance	NU, Iqaluit	18000	3,500	0	0	0
NL, Come-By-Chance	NL, Nain	18000	6,800	0	0	0
NL, Come-By-Chance	NU, Rankin Inlet	18000	1,067	0	0	0
NL, Goose Bay	NS, Halifax	17200	3,196	0	27,651	0
NL, Goose Bay	NS, Halifax	18000	0	0	4,555	0
NL, Goose Bay	NS, Halifax	17100	0	0	2,767	0
NL, Goose Bay	QC, Quebec	17100	0	0	6,978	0
NL, Goose Bay	QC, Quebec	18000	0	0	2,428	0
NL, Goose Bay	NB, Saint John	17200	0	0	9,252	0
NL, Nain	NL, Come-By-Chance	18000	0	0	6,800	0
NL, Saglek Bay	NB, Belledune	42390	0	0	212	0
NL, Saglek Bay	QC, Cote-Ste-Catherine	42390	0	0	651	0
NS, Halifax	NU, Arctic Bay	17100	0	0	11	0
NS, Halifax	NU, Broughton Island	17100	0	0	172	0
NS, Halifax	NU, Cape Aston	17100	0	0	153	0
NS, Halifax	NL, Goose Bay	17100	2,767	0	0	0
NS, Halifax	NL, Goose Bay	17200	27,651	0	3,196	0

NS, Halifax	NL, Goose Bay	18000	4,555	0	0	0
NS, Halifax	NU, Grisefiord	17100	0	0	115	0
NS, Halifax	NU, Pangnirtung	17100	0	0	199	0
NS, Halifax	NU, Pond Inlet	17100	0	0	192	0
NT, not specified	QC, Cote-Ste-Catherine	42390	0	0	1,618	0
NU, Arctic Bay	QC, Cote-Ste-Catherine	42390	15	40	325	83
NU, Arctic Bay	NS, Halifax	17100	11	0	0	0
NU, Arctic Bay	QC, Valleyfield	42390	0	55	50	172
NU, Belcher Islands	QC, Cote-Ste-Catherine	42390	0	0	313	0
NU, Belcher Islands	QC, Valleyfield	36101	8	0	0	0
NU, Belcher Islands	QC, Valleyfield	42390	0	20	12	119
NU, Broughton Island	QC, Cote-Ste-Catherine	42390	0	0	430	50
NU, Broughton Island	NS, Halifax	17100	172	0	0	0
NU, Broughton Island	QC, Valleyfield	42390	0	36	42	154
NU, Cape Aston	QC, Cote-Ste-Catherine	42390	20	100	585	100
NU, Cape Aston	NS, Halifax	17100	153	0	0	0
NU, Cape Aston	QC, Valleyfield	42390	7	70	120	251
NU, Cape Dorset	QC, Cote-Ste-Catherine	42390	40	145	3,059	720
NU, Cape Dorset	QC, Valleyfield	13999	1	0	0	0
NU, Cape Dorset	QC, Valleyfield	36101	0	0	5	0
NU, Cape Dorset	QC, Valleyfield	42390	0	0	27	239
NU, Cape Dyer	QC, Cote-Ste-Catherine	42390	0	0	70	0
NU, Chesterfield Inlet	NL, Come-By-Chance	18000	0	0	1,067	0
NU, Coral Harbour	QC, Cote-Ste-Catherine	42390	0	0	109	22
NU, Coral Harbour	QC, Valleyfield	42390	0	0	56	212
NU, Cornwallis Island	QC, Cote-Ste-Catherine	42390	0	0	750	160
NU, Eskimo Point	QC, Cote-Ste-Catherine	42390	0	0	562	0
NU, Grisefiord	QC, Côte-Ste-Catherine	42390	20	45	150	80
NU, Grisefiord	NS, Halifax	17100	115	0	0	0
NU, Grisefiord	QC, Valleyfield	42390	0	16	1	0
NU, Hall Beach	QC, Cote-Ste-Catherine	42390	0	0	1,185	0
NU, Hall Beach	QC, Valleyfield	42390	1	0	98	153
NU, Igloolik	NL, Come-By-Chance	18000	0	0	1,067	0
NU, Igloolik	QC, Cote-Ste-Catherine	42390	0	0	1,145	0
NU, Igloolik	QC, Valleyfield	42390	0	0	19	273
NU, Iqaluit	NL, Come-By-Chance	18000	0	0	3,500	0
NU, Iqaluit	QC, Cote-Ste-Catherine	42390	92	150	9,340	195
NU, Iqaluit	QC, Cote-Ste-Catherine	18000	0	0	455	0
NU, Iqaluit	QC, Valleyfield	36101	17	0	30	0
NU, Iqaluit	QC, Valleyfield	42390	8	207	1,947	1,948
NU, Lake Harbour	Côoe-Ste-Catherine, QC	42390	0	0	113	78
NU, Lake Harbour	QC, Valleyfield	42390	0	0	28	96
NU, Nanisivik	QC, Cote-Ste-Catherine	42390	185	403	1,088	101
NU, Nanisivik	QC, Valleyfield	42390	8	0	227	15
NU, Pangnirtung	QC, Cote-Ste-Catherine	42390	47	195	2,456	328
NU, Pangnirtung	NS, Halifax	17100	199	0	0	0
NU, Pangnirtung	QC, Valleyfield	42390	64	38	38	345
NU, Pond Inlet	QC, Cote-Ste-Catherine	42390	64	150	2,560	215
NU, Pond Inlet	NS, Halifax	17100	192	0	0	0
NU, Pond Inlet	QC, Valleyfield	42390	0	58	236	222
NU, Rankin Inlet	NL, Come-By-Chance	18000	0	0	1,067	0
NU, Rankin Inlet	QC, Cote-Ste-Catherine	42390	0	0	101	14
NU, Rankin Inlet	QC, Valleyfield	42390	2	45	595	263
NU, Repulse Bay	QC, Cote-Ste-Catherine	42390	0	0	243	0
NU, Repulse Bay	QC, Valleyfield	42390	0	0	5	129
NU, Resolute Bay	QC, Cote-Ste-Catherine	42390	15	85	550	45
NU, Resolute Bay	QC, Valleyfield	42390	13	18	73	0
NU, Resolution Island	QC, Cote-Ste-Catherine	42390	0	0	497	0
QC, Akulivik	QC, Cote-Ste-Catherine	42390	0	0	485	511
QC, Akulivik	QC, Montreal	17100	0	0	174	0

QC, Akulivik	QC, Montreal	18000	0	0	1,132	0
QC, Akulivik	QC, Valleyfield	42390	1	3	41	12
QC, Baie-Comeau	QC, Deception Bay	34999	0	0	118	0
QC, Baie-Comeau	QC, Deception Bay	42390	0	0	0	20
QC, Cote-Ste-Catherine	QC, Akulivik	42390	485	511	0	0
QC, Cote-Ste-Catherine	NU, Arctic Bay	42390	325	83	15	40
QC, Cote-Ste-Catherine	NU, Belcher Islands	42390	313	0	0	0
QC, Cote-Ste-Catherine	NU, Broughton Island	42390	430	50	0	0
QC, Cote-Ste-Catherine	NU, Cape Aston	42390	585	100	20	100
QC, Cote-Ste-Catherine	NU, Cape Dorset	42390	3,059	720	40	145
QC, Cote-Ste-Catherine	NU, Cape Dyer	42390	70	0	0	0
QC, Cote-Ste-Catherine	NU, Coral Harbour	42390	109	22	0	0
QC, Cote-Ste-Catherine	NU, Cornwallis Island	42390	750	160	0	0
QC, Cote-Ste-Catherine	QC, Deception Bay	42390	635	80	0	0
QC, Cote-Ste-Catherine	NU, Eskimo Point	42390	562	0	0	0
QC, Cote-Ste-Catherine	QC, George River	42390	4,146	0	0	0
QC, Cote-Ste-Catherine	NU, Grisefiord	42390	150	80	20	45
QC, Cote-Ste-Catherine	NU, Hall Beach	42390	1,185	0	0	0
QC, Cote-Ste-Catherine	QC, Hope Advance Bay	42390	1,097	0	0	0
QC, Cote-Ste-Catherine	NU, Igloolik	42390	1,145	0	0	0
QC, Cote-Ste-Catherine	QC, Inukjauk	42390	917	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	18000	455	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	42390	9,340	195	92	150
QC, Cote-Ste-Catherine	QC, Ivujivik	42390	42	155	0	0
QC, Cote-Ste-Catherine	QC, Kangirsuk	42390	956	59	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuarq	42390	5,415	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuarapik	42390	300	0	0	0
QC, Cote-Ste-Catherine	NU, Lake Harbour	42390	113	78	0	0
QC, Cote-Ste-Catherine	NU, Nanisivik	42390	1,088	101	185	403
QC, Cote-Ste-Catherine	NT, not specified	42390	1,618	0	0	0
QC, Cote-Ste-Catherine	NU, Pangnirtung	42390	2,456	328	47	195
QC, Cote-Ste-Catherine	NU, Pond Inlet	42390	2,560	215	64	150
QC, Cote-Ste-Catherine	QC, Povungnituk	42390	5,052	0	0	0
QC, Cote-Ste-Catherine	QC, Quaqtaq	18000	422	0	0	0
QC, Cote-Ste-Catherine	QC, Quaqtaq	42390	614	90	0	0
QC, Cote-Ste-Catherine	NU, Rankin Inlet	42390	101	14	0	0
QC, Cote-Ste-Catherine	NU, Repulse Bay	42390	243	0	0	0
QC, Cote-Ste-Catherine	NU, Resolute Bay	42390	550	45	15	85
QC, Cote-Ste-Catherine	NU, Resolution Island	42390	497	0	0	0
QC, Cote-Ste-Catherine	NL, Saglek Bay	42390	651	0	0	0
QC, Cote-Ste-Catherine	QC, Salluit	42390	474	250	0	0
QC, Cote-Ste-Catherine	QC, Tasiujaq	42390	549	0	0	0
QC, Cote-Ste-Catherine	QC, Umiujaq	42390	159	0	0	0
QC, Cote-Ste-Catherine	QC, Wakeham Bay	42390	119	133	0	0
QC, Deception Bay	QC, Baie-Comeau	34999	118	0	0	0
QC, Deception Bay	QC, Baie-Comeau	42390	0	20	0	0
QC, Deception Bay	QC, Cote-Ste-Catherine	42390	0	0	635	80
QC, Deception Bay	QC, Valleyfield	42390	1	40	31	72
QC, George River	QC, Cote-Ste-Catherine	42390	0	0	4,146	0
QC, George River	QC, Montreal	17100	0	0	237	0
QC, George River	QC, Montreal	18000	0	0	1,471	0
QC, George River	QC, Valleyfield	34999	52	0	0	0
QC, George River	QC, Valleyfield	42390	9	6	546	245
QC, George River	QC, Valleyfield	36101	0	0	4	0
QC, Hope Advance Bay	QC, Cote-Ste-Catherine	42390	0	0	1,097	0
QC, Hope Advance Bay	QC, Valleyfield	42390	33	0	181	6
QC, Inukjauk	QC, Cote-Ste-Catherine	42390	0	0	917	0
QC, Inukjauk	QC, Valleyfield	34999	6	0	0	0
QC, Inukjauk	QC, Valleyfield	42390	7	78	516	276
QC, Ivujivik	QC, Cote-Ste-Catherine	42390	0	0	42	155

QC, Ivujivik	QC, Montreal	17100	0	0	112	0
QC, Ivujivik	QC, Montreal	17200	0	0	275	0
QC, Ivujivik	QC, Montreal	18000	0	0	1,125	0
QC, Ivujivik	QC, Valleyfield	42390	12	0	126	13
QC, Kangirsuk	QC, Cote-Ste-Catherine	42390	0	0	956	59
QC, Kangirsuk	QC, Montreal	17100	0	0	222	0
QC, Kangirsuk	QC, Montreal	17200	0	0	304	0
QC, Kangirsuk	QC, Montreal	18000	0	0	1,449	0
QC, Kangirsuk	QC, Valleyfield	34999	3	0	0	0
QC, Kangirsuk	QC, Valleyfield	42390	5	14	152	53
QC, Kangirsuk	QC, Valleyfield	36101	0	0	2	0
QC, Kuujjuarq	QC, Cote-Ste-Catherine	42390	0	0	5,415	0
QC, Kuujjuarq	QC, Montreal	17100	0	0	1,096	0
QC, Kuujjuarq	QC, Montreal	17200	0	0	3,273	0
QC, Kuujjuarq	QC, Montreal	18000	0	0	2,570	0
QC, Kuujjuarq	QC, Valleyfield	34999	30	0	0	18
QC, Kuujjuarq	QC, Valleyfield	36101	11	0	0	55
QC, Kuujjuarq	QC, Valleyfield	42390	82	92	1,075	380
QC, Kuujjuarapik	QC, Cote-Ste-Catherine	42390	0	0	300	0
QC, Kuujjuarapik	QC, Montreal	17100	0	0	501	0
QC, Kuujjuarapik	QC, Montreal	17200	0	0	704	0
QC, Kuujjuarapik	QC, Montreal	18000	0	0	3,975	0
QC, Kuujjuarapik	QC, Valleyfield	42390	9	17	61	68
QC, Montreal	QC, Akulivik	17100	174	0	0	0
QC, Montreal	QC, Akulivik	18000	1,132	0	0	0
QC, Montreal	QC, George River	17100	237	0	0	0
QC, Montreal	QC, George River	18000	1,471	0	0	0
QC, Montreal	QC, Ivujivik	17100	112	0	0	0
QC, Montreal	QC, Ivujivik	17200	275	0	0	0
QC, Montreal	QC, Ivujivik	18000	1,125	0	0	0
QC, Montreal	QC, Kangirsuk	17100	222	0	0	0
QC, Montreal	QC, Kangirsuk	17200	304	0	0	0
QC, Montreal	QC, Kangirsuk	18000	1,449	0	0	0
QC, Montreal	QC, Kuujjuarq	17100	1,096	0	0	0
QC, Montreal	QC, Kuujjuarq	17200	3,273	0	0	0
QC, Montreal	QC, Kuujjuarq	18000	2,570	0	0	0
QC, Montreal	QC, Kuujjuarapik	17100	501	0	0	0
QC, Montreal	QC, Kuujjuarapik	17200	704	0	0	0
QC, Montreal	QC, Kuujjuarapik	18000	3,975	0	0	0
QC, Montreal	QC, Port Harrison	17100	413	0	0	0
QC, Montreal	QC, Port Harrison	17200	260	0	0	0
QC, Montreal	QC, Port Harrison	18000	2,830	0	0	0
QC, Montreal	QC, Povungnituk	17100	3,210	0	0	0
QC, Montreal	QC, Povungnituk	17200	373	0	0	0
QC, Montreal	QC, Povungnituk	18000	1,706	0	0	0
QC, Montreal	QC, Quaqtaq	17100	126	0	0	0
QC, Montreal	QC, Quaqtaq	18000	829	0	0	0
QC, Montreal	QC, Salluit	17100	381	0	0	0
QC, Montreal	QC, Salluit	17200	605	0	0	0
QC, Montreal	QC, Salluit	18000	2,641	0	0	0
QC, Montreal	QC, Tasiujaq	17100	109	0	0	0
QC, Montreal	QC, Tasiujaq	18000	869	0	0	0
QC, Montreal	QC, Umiujaq	17100	98	0	0	0
QC, Montreal	QC, Umiujaq	18000	941	0	0	0
QC, Montreal	QC, Wakeham Bay	17100	263	0	0	0
QC, Montreal	QC, Wakeham Bay	17200	675	0	0	0
QC, Montreal	QC, Wakeham Bay	18000	1,486	0	0	0
QC, Port Harrison	QC, Montreal	17100	0	0	413	0
QC, Port Harrison	QC, Montreal	17200	0	0	260	0
QC, Port Harrison	QC, Montreal	18000	0	0	2,830	0

QC, Povungnituk	QC, Cote-Ste-Catherine	42390	0	0	5,052	0
QC, Povungnituk	QC, Montreal	17100	0	0	373	0
QC, Povungnituk	QC, Montreal	17200	0	0	1,706	0
QC, Povungnituk	QC, Montreal	18000	0	0	3,210	0
QC, Povungnituk	QC, Valleyfield	42390	16	118	266	158
QC, Quaqtaq	QC, Cote-Ste-Catherine	42390	0	0	614	90
QC, Quaqtaq	QC, Cote-Ste-Catherine	18000	0	0	422	0
QC, Quaqtaq	QC, Montreal	17100	0	0	126	0
QC, Quaqtaq	QC, Montreal	18000	0	0	829	0
QC, Quaqtaq	QC, Valleyfield	34999	8	0	0	0
QC, Quaqtaq	QC, Valleyfield	42390	14	17	591	95
QC, Quaqtaq	QC, Valleyfield	36101	0	0	1	0
QC, Quebec	NL, Goose Bay	17100	6,978	0	0	0
QC, Quebec	NL, Goose Bay	18000	2,428	0	0	0
QC, Salluit	QC, Cote-Ste-Catherine	42390	0	0	474	250
QC, Salluit	QC, Montreal	17100	0	0	381	0
QC, Salluit	QC, Montreal	17200	0	0	605	0
QC, Salluit	QC, Montreal	18000	0	0	2,641	0
QC, Salluit	QC, Valleyfield	34999	8	0	0	0
QC, Salluit	QC, Valleyfield	42390	4	53	360	210
QC, Salluit	QC, Valleyfield	36101	0	0	9	0
QC, Tasiujaq	QC, Cote-Ste-Catherine	42390	0	0	549	0
QC, Tasiujaq	QC, Montreal	17100	0	0	109	0
QC, Tasiujaq	QC, Montreal	18000	0	0	869	0
QC, Tasiujaq	QC, Valleyfield	36101	0	0	2	0
QC, Tasiujaq	QC, Valleyfield	42390	0	10	479	406
QC, Umiujaq	QC, Cote-Ste-Catherine	42390	0	0	159	0
QC, Umiujaq	QC, Montreal	17100	0	0	98	0
QC, Umiujaq	QC, Montreal	18000	0	0	941	0
QC, Umiujaq	QC, Valleyfield	42390	3	13	30	28
QC, Valleyfield	QC, Akulivik	42390	41	12	1	3
QC, Valleyfield	NU, Arctic Bay	42390	50	172	0	55
QC, Valleyfield	NU, Belcher Islands	42390	12	119	0	20
QC, Valleyfield	NU, Belcher Islands	36101	0	0	8	0
QC, Valleyfield	NU, Broughton Island	42390	42	154	0	36
QC, Valleyfield	NU, Cape Aston	42390	120	251	7	70
QC, Valleyfield	NU, Cape Dorset	36101	5	0	0	0
QC, Valleyfield	NU, Cape Dorset	42390	27	239	0	0
QC, Valleyfield	NU, Cape Dorset	13999	0	0	1	0
QC, Valleyfield	NU, Coral Harbour	42390	56	212	0	0
QC, Valleyfield	QC, Deception Bay	42390	31	72	1	40
QC, Valleyfield	QC, George River	36101	4	0	0	0
QC, Valleyfield	QC, George River	42390	546	245	9	6
QC, Valleyfield	QC, George River	34999	0	0	52	0
QC, Valleyfield	NU, Grisefiord	42390	1	0	0	16
QC, Valleyfield	NU, Hall Beach	42390	98	153	1	0
QC, Valleyfield	QC, Hope Advance Bay	42390	181	6	33	0
QC, Valleyfield	NU, Igloolik	42390	19	273	0	0
QC, Valleyfield	QC, Inukjauk	42390	516	276	7	78
QC, Valleyfield	QC, Inukjauk	34999	0	0	6	0
QC, Valleyfield	NU, Iqaluit	36101	30	0	17	0
QC, Valleyfield	NU, Iqaluit	42390	1,947	1,948	8	207
QC, Valleyfield	QC, Ivujivik	42390	126	13	12	0
QC, Valleyfield	QC, Kangirsuk	36101	2	0	0	0
QC, Valleyfield	QC, Kangirsuk	42390	152	53	5	14
QC, Valleyfield	QC, Kangirsuk	34999	0	0	3	0
QC, Valleyfield	QC, Kuujjuarq	34999	0	18	30	0
QC, Valleyfield	QC, Kuujjuarq	36101	0	55	11	0
QC, Valleyfield	QC, Kuujjuarq	42390	1,075	380	82	92
QC, Valleyfield	QC, Kuujjuarapik	42390	61	68	9	17

QC, Valleyfield	NU, Lake Harbour	42390	28	96	0	0
QC, Valleyfield	NU, Nanisivik	42390	227	15	8	0
QC, Valleyfield	NU, Pangnirtung	42390	38	345	64	38
QC, Valleyfield	NU, Pond Inlet	42390	236	222	0	58
QC, Valleyfield	QC, Povungnituk	42390	266	158	16	118
QC, Valleyfield	QC, Quaqtaq	36101	1	0	0	0
QC, Valleyfield	QC, Quaqtaq	42390	591	95	14	17
QC, Valleyfield	QC, Quaqtaq	34999	0	0	8	0
QC, Valleyfield	NU, Rankin Inlet	42390	595	263	2	45
QC, Valleyfield	NU, Repulse Bay	42390	5	129	0	0
QC, Valleyfield	NU, Resolute Bay	42390	73	0	13	18
QC, Valleyfield	QC, Salluit	36101	9	0	0	0
QC, Valleyfield	QC, Salluit	42390	360	210	4	53
QC, Valleyfield	QC, Salluit	34999	0	0	8	0
QC, Valleyfield	QC, Tasiujaq	36101	2	0	0	0
QC, Valleyfield	QC, Tasiujaq	42390	479	406	0	10
QC, Valleyfield	QC, Umiujaq	42390	30	28	3	13
QC, Valleyfield	QC, Wakeham Bay	42390	484	174	1	28
QC, Wakeham Bay	QC, Cote-Ste-Catherine	42390	0	0	119	133
QC, Wakeham Bay	QC, Montreal	17100	0	0	263	0
QC, Wakeham Bay	QC, Montreal	17200	0	0	675	0
QC, Wakeham Bay	QC, Montreal	18000	0	0	1,486	0
QC, Wakeham Bay	QC, Valleyfield	42390	1	28	484	174
	Total cargo volumes		167,180	12,714	167,180	12,714

2003	Port of	Commodity	Cargo loaded		Cargo unloaded	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NB, Saint John	NL, Goose Bay	17200	3,606	0	0	0
NL, Goose Bay	NS, Halifax	17100	0	0	2,963	0
NL, Goose Bay	NS, Halifax	17200	98	0	24,707	0
NL, Goose Bay	NS, Halifax	18000	0	0	3,193	0
NL, Goose Bay	QC, Quebec	17100	0	0	5,551	0
NL, Goose Bay	QC, Quebec	18000	0	0	4,376	0
NL, Goose Bay	NB, Saint John	17200	0	0	3,606	0
NL, Saglek Bay	QC, Chicoutimi	42390	29,788	0	3,889	0
NS, Halifax	NL, Goose Bay	17100	2,963	0	0	0
NS, Halifax	NL, Goose Bay	17200	24,707	0	98	0
NS, Halifax	NL, Goose Bay	18000	3,193	0	0	0
NS, Halifax	NT, not specified	17100	0	0	51	0
NS, Halifax	NU, Pelly Bay	18000	898	0	0	0
NT, not specified	QC, Cote-Ste-Catherine	42390	0	0	110	0
NT, not specified	NS, Halifax	17100	51	0	0	0
NT, not specified	QC, Quebec	17200	0	0	467	0
NU, Arctic Bay	QC, Montreal	19209	0	0	10	0
NU, Arctic Bay	QC, Montreal	17100	0	0	301	0
NU, Arctic Bay	QC, Montreal	18000	0	0	1,291	0
NU, Arctic Bay	QC, Valleyfield	42390	184	0	619	0
NU, Arctic Bay	QC, Cote-Ste-Catherine	42390	0	0	247	0
NU, Baker Lake	QC, Cote-Ste-Catherine	42390	0	0	1,409	0
NU, Belcher Islands	QC, Cote-Ste-Catherine	42390	0	0	392	0
NU, Belcher Islands	QC, Valleyfield	42390	130	0	16	119
NU, Broughton Island	QC, Cote-Ste-Catherine	42390	0	0	1	0
NU, Broughton Island	QC, Montreal	19209	0	0	8	0
NU, Broughton Island	QC, Montreal	17100	0	0	450	0
NU, Broughton Island	QC, Montreal	17200	0	0	341	0
NU, Broughton Island	QC, Montreal	18000	0	0	1,426	0
NU, Broughton Island	QC, Valleyfield	42390	14	0	1	0
NU, Cape Aston	QC, Cote-Ste-Catherine	42390	0	0	1	0

NU, Cape Aston	QC, Montreal	19209	0	0	4	0
NU, Cape Aston	QC, Montreal	17100	0	0	269	0
NU, Cape Aston	QC, Montreal	17200	0	0	1,457	0
NU, Cape Aston	QC, Montreal	18000	0	0	415	0
NU, Cape Aston	QC, Valleyfield	42390	305	0	0	0
NU, Cape Dorset	QC, Cote-Ste-Catherine	42390	0	0	311	0
NU, Cape Dorset	QC, Montreal	19209	0	0	3	0
NU, Cape Dorset	QC, Montreal	17100	0	0	441	0
NU, Cape Dorset	QC, Montreal	17200	0	0	120	0
NU, Cape Dorset	QC, Montreal	18000	0	0	2,407	0
NU, Cape Dorset	QC, Valleyfield	42390	235	0	661	0
NU, Chesterfield Inlet	QC, Cote-Ste-Catherine	42390	0	0	657	0
NU,Coral Harbour	QC, Cote-Ste-Catherine	42390	0	0	599	0
NU,Coral Harbour	QC, Valleyfield	42390	220	0	263	0
NU, Cornwallis Island	QC, Cote-Ste-Catherine	42390	0	0	384	0
NU, Cornwallis Island	QC, Montreal	18000	0	0	3,796	0
NU, Eskimo Point	QC, Cote-Ste-Catherine	42390	0	0	1,661	0
NU, Grisefiord	QC, Cote-Ste-Catherine	42390	0	0	119	0
NU, Grisefiord	QC, Montreal	17100	0	0	83	0
NU, Grisefiord	QC, Montreal	17200	0	0	86	0
NU, Grisefiord	QC, Montreal	18000	0	0	798	0
NU, Grisefiord	QC, Valleyfield	42390	1	0	138	0
NU, Hall Beach	QC, Cote-Ste-Catherine	42390	0	0	1,968	0
NU, Hall Beach	QC, Montreal	19209	0	0	2	0
NU, Hall Beach	QC, Montreal	17100	0	0	151	0
NU, Hall Beach	QC, Montreal	17200	0	0	201	0
NU, Hall Beach	QC, Montreal	18000	0	0	598	0
NU, Hall Beach	QC, Valleyfield	34999	0	0	0	122
NU, Hall Beach	QC, Valleyfield	42390	0	0	5	46
NU, Igloolik	QC, Cote-Ste-Catherine	42390	0	0	1,322	0
NU, Igloolik	QC, Montreal	19209	0	0	9	0
NU, Igloolik	QC, Montreal	17100	0	0	518	0
NU, Igloolik	QC, Montreal	17200	0	0	804	0
NU, Igloolik	QC, Montreal	18000	0	0	1,671	0
NU, Igloolik	QC, Valleyfield	42390	0	0	20	90
NU, Iqaluit	QC, Cote-Ste-Catherine	42390	0	0	4,737	0
NU, Iqaluit	QC, Valleyfield	34999	0	0	94	0
NU, Iqaluit	QC, Valleyfield	42390	1,541	0	3,432	456
NU, Lake Harbour	QC, Cote-Ste-Catherine	42390	0	0	84	0
NU, Lake Harbour	QC, Montreal	19209	0	0	3	0
NU, Lake Harbour	QC, Montreal	17100	0	0	229	0
NU, Lake Harbour	QC, Montreal	18000	0	0	882	0
NU, Lake Harbour	QC, Valleyfield	42390	93	0	506	0
NU, Nanisivik	QC, Cote-Ste-Catherine	42390	0	0	49	0
NU, Nanisivik	QC, Montreal	19209	0	0	10	0
NU, Nanisivik	QC, Montreal	17100	0	0	69	0
NU, Nanisivik	QC, Montreal	17200	0	0	821	0
NU, Nanisivik	QC, Montreal	18000	0	0	970	0
NU, Nanisivik	QC, Valleyfield	42390	79	0	1,586	0
NU, Pangnirtung	QC, Cote-Ste-Catherine	42390	0	0	1	0
NU, Pangnirtung	QC, Montreal	19209	0	0	17	0
NU, Pangnirtung	QC, Montreal	17100	0	0	669	0
NU, Pangnirtung	QC, Montreal	17200	0	0	538	0
NU, Pangnirtung	QC, Montreal	18000	0	0	1,979	0
NU, Pangnirtung	QC, Valleyfield	34999	0	0	32	0
NU, Pangnirtung	QC, Valleyfield	42390	347	71	1,563	407
NU, Pelly Bay	NS, Halifax	18000	0	0	898	0
NU, Pond Inlet	QC, Cote-Ste-Catherine	42390	0	0	534	0
NU, Pond Inlet	QC, Montreal	19209	0	0	2	0
NU, Pond Inlet	QC, Montreal	17100	0	0	218	0

NU, Pond Inlet	QC, Montreal	17200	0	0	501	0
NU, Pond Inlet	QC, Montreal	18000	0	0	1,355	0
NU, Pond Inlet	QC, Valleyfield	42390	294	0	811	0
NU, Rankin Inlet	QC, Cote-Ste-Catherine	42390	0	0	2,348	0
NU, Repulse Bay	QC, Cote-Ste-Catherine	42390	0	0	855	0
NU, Repulse Bay	QC, Montreal	19209	0	0	1	0
NU, Repulse Bay	QC, Montreal	17100	0	0	158	0
NU, Repulse Bay	QC, Montreal	17200	0	0	2	0
NU, Repulse Bay	QC, Montreal	18000	0	0	593	0
NU, Repulse Bay	QC, Valleyfield	34999	0	0	0	7
NU, Repulse Bay	QC, Valleyfield	42390	0	0	0	192
NU, Resolute Bay	QC, Cote-Ste-Catherine	42390	0	0	323	0
NU, Resolute Bay	QC, Montreal	17100	0	0	128	0
NU, Resolute Bay	QC, Montreal	17200	0	0	500	0
NU, Resolute Bay	QC, Montreal	18000	0	0	1,931	0
NU, Resolute Bay	QC, Valleyfield	42390	142	0	327	0
NU, Whale Cove	QC, Cote-Ste-Catherine	42390	0	0	925	0
QC, Akulivik	QC, Montreal	17100	0	0	172	0
QC, Akulivik	QC, Montreal	18000	0	0	1,252	0
QC, Akulivik	QC, Valleyfield	34999	0	0	6	0
QC, Akulivik	QC, Valleyfield	42390	55	0	12	0
QC, Becancour	QC, Deception Bay	23902	175	0	0	0
QC, Chicoutimi	NL, Saglek Bay	42390	3,889	0	29,788	0
QC, Cote-Ste-Catherine	NU, Arctic Bay	42390	247	0	0	0
QC, Cote-Ste-Catherine	NU, Baker Lake	42390	1,409	0	0	0
QC, Cote-Ste-Catherine	NU, Belcher Islands	42390	392	0	0	0
QC, Cote-Ste-Catherine	NU, Broughton Island	42390	1	0	0	0
QC, Cote-Ste-Catherine	NU, Cape Aston	42390	1	0	0	0
QC, Cote-Ste-Catherine	NU, Cape Dorset	42390	311	0	0	0
QC, Cote-Ste-Catherine	NU, Chesterfield Inlet	42390	657	0	0	0
QC, Cote-Ste-Catherine	NU,Coral Harbour	42390	599	0	0	0
QC, Cote-Ste-Catherine	NU, Cornwallis Island	42390	384	0	0	0
QC, Cote-Ste-Catherine	QC, Deception Bay	42390	764	0	0	0
QC, Cote-Ste-Catherine	NU, Eskimo Point	42390	1,661	0	0	0
QC, Cote-Ste-Catherine	QC, Fort Chimo	42390	568	0	0	0
QC, Cote-Ste-Catherine	QC, George River	42390	2,067	0	0	0
QC, Cote-Ste-Catherine	QC, Great Whale River	42390	253	0	0	0
QC, Cote-Ste-Catherine	NU, Grisefiord	42390	119	0	0	0
QC, Cote-Ste-Catherine	NU, Hall Beach	42390	1,968	0	0	0
QC, Cote-Ste-Catherine	NU, Igloolik	42390	1,322	0	0	0
QC, Cote-Ste-Catherine	QC, Inukjuak	42390	520	0	0	0
QC, Cote-Ste-Catherine	NU, Iqaluit	42390	4,737	0	0	0
QC, Cote-Ste-Catherine	QC, Kangirsuk	42390	173	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuaq	42390	208	0	0	0
QC, Cote-Ste-Catherine	QC, Kuujjuarapik	42390	181	0	0	0
QC, Cote-Ste-Catherine	NU, Lake Harbour	42390	84	0	0	0
QC, Cote-Ste-Catherine	NU, Nanisivik	42390	49	0	0	0
QC, Cote-Ste-Catherine	NT, not specified	42390	110	0	0	0
QC, Cote-Ste-Catherine	NU, Pangnirtung	42390	1	0	0	0
QC, Cote-Ste-Catherine	NU, Pond Inlet	42390	534	0	0	0
QC, Cote-Ste-Catherine	QC, Povungnituk	42390	626	0	0	0
QC, Cote-Ste-Catherine	QC, Quaqtaq	42390	128	0	0	0
QC, Cote-Ste-Catherine	NU, Rankin Inlet	42390	2,348	0	0	0
QC, Cote-Ste-Catherine	NU, Repulse Bay	42390	855	0	0	0
QC, Cote-Ste-Catherine	NU, Resolute Bay	42390	323	0	0	0
QC, Cote-Ste-Catherine	QC, Salluit	42390	1,069	0	0	0
QC, Cote-Ste-Catherine	QC, Umiujaq	42390	68	0	0	0
QC, Cote-Ste-Catherine	QC, Wakeham Bay,	42390	502	0	0	0
QC, Cote-Ste-Catherine	NU, Whale Cove	42390	925	0	0	0
QC, Deception Bay	QC, Becancour	23902	0	0	175	0

QC, Deception Bay	QC, Cote-Ste-Catherine	42390	0	0	764	0
QC, Deception Bay	QC, Montreal	18000	0	0	33,420	0
QC, Deception Bay	QC, Quebec	14991	115,897	0	0	0
QC, Deception Bay	QC, Quebec	42390	22,631	0	12,673	0
QC, Diana Bay	QC, Montreal	17100	0	0	409	0
QC, Diana Bay	QC, Montreal	17200	0	0	553	0
QC, Diana Bay	QC, Montreal	18000	0	0	3,725	0
QC, Fort Chimo	QC, Cote-Ste-Catherine	42390	0	0	568	0
QC, George River	QC, Cote-Ste-Catherine	42390	0	0	2,067	0
QC, George River	QC, Valleyfield	36101	0	0	6	0
QC, George River	QC, Valleyfield	42390	205	0	77	135
QC, Great Whale River	QC, Cote-Ste-Catherine	42390	0	0	253	0
QC, Hope Advance Bay	QC, Montreal	17100	0	0	90	0
QC, Hope Advance Bay	QC, Montreal	18000	0	0	695	0
QC, Hope Advance Bay	QC, Valleyfield	42390	106	0	169	0
QC, Inukjuak	QC, Cote-Ste-Catherine	42390	0	0	520	0
QC, Inukjuak	QC, Valleyfield	42390	699	0	1,081	0
QC, Ivujivik	QC, Montreal	17100	0	0	91	0
QC, Ivujivik	QC, Montreal	17200	0	0	415	0
QC, Ivujivik	QC, Montreal	18000	0	0	1,112	0
QC, Ivujivik	QC, Valleyfield	34999	0	0	0	3
QC, Ivujivik	QC, Valleyfield	42390	5	0	20	0
QC, Kangirsuk	QC, Cote-Ste-Catherine	42390	0	0	173	0
QC, Kangirsuk	QC, Montreal	17100	0	0	135	0
QC, Kangirsuk	QC, Montreal	17200	0	0	429	0
QC, Kangirsuk	QC, Montreal	18000	0	0	1,382	0
QC, Kangirsuk	QC, Valleyfield	34999	0	0	6	36
QC, Kangirsuk	QC, Valleyfield	42390	99	0	567	643
QC, Koartac	QC, Montreal	17100	0	0	188	0
QC, Koartac	QC, Montreal	18000	0	0	972	0
QC, Kuujjuaq	QC, Cote-Ste-Catherine	42390	0	0	208	0
QC, Kuujjuaq	QC, Montreal	17100	0	0	1,404	0
QC, Kuujjuaq	QC, Montreal	17200	0	0	4,061	0
QC, Kuujjuaq	QC, Montreal	18000	0	0	4,845	0
QC, Kuujjuaq	QC, Sept-Iles	42390	15	0	0	0
QC, Kuujjuaq	QC, Valleyfield	36101	0	0	143	0
QC, Kuujjuaq	QC, Valleyfield	34999	0	141	66	0
QC, Kuujjuaq	QC, Valleyfield	42390	591	141	1,502	870
QC, Kuujjuarapik	QC, Cote-Ste-Catherine	42390	0	0	181	0
QC, Kuujjuarapik	QC, Montreal	17100	0	0	539	0
QC, Kuujjuarapik	QC, Montreal	17200	0	0	1,296	0
QC, Kuujjuarapik	QC, Montreal	18000	0	0	4,792	0
QC, Kuujjuarapik	QC, Valleyfield	42390	146	0	125	38
QC, Montreal	QC, Akulivik	17100	172	0	0	0
QC, Montreal	QC, Akulivik	18000	1,252	0	0	0
QC, Montreal	NU, Arctic Bay	19209	10	0	0	0
QC, Montreal	NU, Arctic Bay	17100	301	0	0	0
QC, Montreal	NU, Arctic Bay	18000	1,291	0	0	0
QC, Montreal	NU, Broughton Island	19209	8	0	0	0
QC, Montreal	NU, Broughton Island	17100	450	0	0	0
QC, Montreal	NU, Broughton Island	17200	341	0	0	0
QC, Montreal	NU, Broughton Island	18000	1,426	0	0	0
QC, Montreal	NU, Cape Aston	19209	4	0	0	0
QC, Montreal	NU, Cape Aston	17100	269	0	0	0
QC, Montreal	NU, Cape Aston	17200	1,457	0	0	0
QC, Montreal	NU, Cape Aston	18000	415	0	0	0
QC, Montreal	NU, Cape Dorset	19209	3	0	0	0
QC, Montreal	NU, Cape Dorset	17100	441	0	0	0
QC, Montreal	NU, Cape Dorset	17200	120	0	0	0
QC, Montreal	NU, Cape Dorset	18000	2,407	0	0	0

QC, Montreal	NU, Cornwallis Island	18000	3,796	0	0	0
QC, Montreal	QC, Deception Bay	18000	33,420	0	0	0
QC, Montreal	QC, Diana Bay	17100	409	0	0	0
QC, Montreal	QC, Diana Bay	17200	553	0	0	0
QC, Montreal	QC, Diana Bay	18000	3,725	0	0	0
QC, Montreal	NU, Grisefiord	17100	83	0	0	0
QC, Montreal	NU, Grisefiord	17200	86	0	0	0
QC, Montreal	NU, Grisefiord	18000	798	0	0	0
QC, Montreal	NU, Hall Beach	19209	2	0	0	0
QC, Montreal	NU, Hall Beach	17100	151	0	0	0
QC, Montreal	NU, Hall Beach	17200	201	0	0	0
QC, Montreal	NU, Hall Beach	18000	598	0	0	0
QC, Montreal	QC, Hope Advance Bay	17100	90	0	0	0
QC, Montreal	QC, Hope Advance Bay	18000	695	0	0	0
QC, Montreal	NU, Igloolik	19209	9	0	0	0
QC, Montreal	NU, Igloolik	17100	518	0	0	0
QC, Montreal	NU, Igloolik	17200	804	0	0	0
QC, Montreal	NU, Igloolik	18000	1,671	0	0	0
QC, Montreal	QC, Ivujivik	17100	91	0	0	0
QC, Montreal	QC, Ivujivik	17200	415	0	0	0
QC, Montreal	QC, Ivujivik	18000	1,112	0	0	0
QC, Montreal	QC, Kangirsuk	17100	135	0	0	0
QC, Montreal	QC, Kangirsuk	17200	429	0	0	0
QC, Montreal	QC, Kangirsuk	18000	1,382	0	0	0
QC, Montreal	QC, Koartac	17100	188	0	0	0
QC, Montreal	QC, Koartac	18000	972	0	0	0
QC, Montreal	QC, Kuujjuaq	17100	1,404	0	0	0
QC, Montreal	QC, Kuujjuaq	17200	4,061	0	0	0
QC, Montreal	QC, Kuujjuaq	18000	4,845	0	0	0
QC, Montreal	QC, Kuujjuarapik	17100	539	0	0	0
QC, Montreal	QC, Kuujjuarapik	17200	1,296	0	0	0
QC, Montreal	QC, Kuujjuarapik	18000	4,792	0	0	0
QC, Montreal	NU, Lake Harbour	19209	3	0	0	0
QC, Montreal	NU, Lake Harbour	17100	229	0	0	0
QC, Montreal	NU, Lake Harbour	18000	882	0	0	0
QC, Montreal	NU, Nanisivik	19209	10	0	0	0
QC, Montreal	NU, Nanisivik	17100	69	0	0	0
QC, Montreal	NU, Nanisivik	17200	821	0	0	0
QC, Montreal	NU, Nanisivik	18000	970	0	0	0
QC, Montreal	NU, Pangnirtung	19209	17	0	0	0
QC, Montreal	NU, Pangnirtung	17100	669	0	0	0
QC, Montreal	NU, Pangnirtung	17200	538	0	0	0
QC, Montreal	NU, Pangnirtung	18000	1,979	0	0	0
QC, Montreal	NU, Pond Inlet	19209	2	0	0	0
QC, Montreal	NU, Pond Inlet	17100	218	0	0	0
QC, Montreal	NU, Pond Inlet	17200	501	0	0	0
QC, Montreal	NU, Pond Inlet	18000	1,355	0	0	0
QC, Montreal	QC, Port Harrison	17100	463	0	0	0
QC, Montreal	QC, Port Harrison	17200	728	0	0	0
QC, Montreal	QC, Port Harrison	18000	2,974	0	0	0
QC, Montreal	QC, Povungnituk	17100	510	0	0	0
QC, Montreal	QC, Povungnituk	17200	1,660	0	0	0
QC, Montreal	QC, Povungnituk	18000	3,668	0	0	0
QC, Montreal	NU, Repulse Bay	19209	1	0	0	0
QC, Montreal	NU, Repulse Bay	17100	158	0	0	0
QC, Montreal	NU, Repulse Bay	17200	2	0	0	0
QC, Montreal	NU, Repulse Bay	18000	593	0	0	0
QC, Montreal	NU, Resolute Bay	17100	128	0	0	0
QC, Montreal	NU, Resolute Bay	17200	500	0	0	0
QC, Montreal	NU, Resolute Bay	18000	1,931	0	0	0

QC, Montreal	QC, Salluit	17100	350	0	0	0
QC, Montreal	QC, Salluit	17200	612	0	0	0
QC, Montreal	QC, Salluit	18000	2,763	0	0	0
QC, Montreal	QC, Tasiujaq	17100	152	0	0	0
QC, Montreal	QC, Tasiujaq	18000	896	0	0	0
QC, Montreal	QC, Umiujaq	17100	101	0	0	0
QC, Montreal	QC, Umiujaq	18000	997	0	0	0
QC, Montreal	QC, Wakeham Bay	17100	224	0	0	0
QC, Montreal	QC, Wakeham Bay	17200	778	0	0	0
QC, Montreal	QC, Wakeham Bay	18000	1,358	0	0	0
QC, Port Harrison	QC, Montreal	18000	0	0	2,974	0
QC, Port Harrison	QC, Montreal	17100	0	0	463	0
QC, Port Harrison	QC, Montreal	17200	0	0	728	0
QC, Povungnituk	QC, Cote-Ste-Catherine	42390	0	0	626	0
QC, Povungnituk	QC, Montreal	17100	0	0	510	0
QC, Povungnituk	QC, Montreal	17200	0	0	1,660	0
QC, Povungnituk	QC, Montreal	18000	0	0	3,668	0
QC, Povungnituk	QC, Valleyfield	34999	0	0	399	0
QC, Povungnituk	QC, Valleyfield	42390	275	0	680	0
QC, Quaqtaq	QC, Cote-Ste-Catherine	42390	0	0	128	0
QC, Quaqtaq	QC, Valleyfield	42390	46	0	19	24
QC, Quebec	QC, Deception Bay	14991	0	0	115,897	0
QC, Quebec	QC, Deception Bay	42390	12,673	0	22,631	0
QC, Quebec	NL, Goose Bay	17100	5,551	0	0	0
QC, Quebec	NL, Goose Bay	18000	4,376	0	0	0
QC, Quebec	NT, not specified	17200	467	0	0	0
QC, Salluit	QC, Cote-Ste-Catherine	42390	0	0	1,069	0
QC, Salluit	QC, Montreal	17100	0	0	350	0
QC, Salluit	QC, Montreal	17200	0	0	612	0
QC, Salluit	QC, Montreal	18000	0	0	2,763	0
QC, Salluit	QC, Valleyfield	42390	192	0	1,141	0
QC, Sept-Iles	QC, Kuujjuaq	42390	0	0	15	0
QC, Tasiujaq	QC, Montreal	17100	0	0	152	0
QC, Tasiujaq	QC, Montreal	18000	0	0	896	0
QC, Tasiujaq	QC, Valleyfield	34999	0	0	16	0
QC, Tasiujaq	QC, Valleyfield	42390	43	818	311	86
QC, Umiujaq	QC, Cote-Ste-Catherine	42390	0	0	68	0
QC, Umiujaq	QC, Montreal	17100	0	0	101	0
QC, Umiujaq	QC, Montreal	18000	0	0	997	0
QC, Umiujaq	QC, Valleyfield	42390	70	0	35	17
QC, Valleyfield	QC, Akulivik	34999	6	0	0	0
QC, Valleyfield	QC, Akulivik	42390	12	0	55	0
QC, Valleyfield	NU, Arctic Bay	42390	619	0	184	0
QC, Valleyfield	NU, Belcher Islands	42390	16	119	130	0
QC, Valleyfield	NU, Broughton Island	42390	1	0	14	0
QC, Valleyfield	NU, Cape Aston	42390	0	0	305	0
QC, Valleyfield	NU, Cape Dorset	42390	661	0	235	0
QC, Valleyfield	NU,Coral Harbour	42390	263	0	220	0
QC, Valleyfield	QC, George River	36101	6	0	0	0
QC, Valleyfield	QC, George River	42390	77	135	205	0
QC, Valleyfield	NU, Grisefiord	42390	138	0	1	0
QC, Valleyfield	NU, Hall Beach	34999	0	122	0	0
QC, Valleyfield	NU, Hall Beach	42390	5	46	0	0
QC, Valleyfield	QC, Hope Advance Bay	42390	169	0	106	0
QC, Valleyfield	NU, Igloolik	42390	20	90	0	0
QC, Valleyfield	QC, Inukjuak	42390	1,081	0	699	0
QC, Valleyfield	NU, Iqaluit	34999	94	0	0	0
QC, Valleyfield	NU, Iqaluit	42390	3,432	456	1,541	0
QC, Valleyfield	QC, Ivujivik	34999	0	3	0	0
QC, Valleyfield	QC, Ivujivik	42390	20	0	5	0

QC, Valleyfield	QC, Kangirsuk	34999	6	36	0	0
QC, Valleyfield	QC, Kangirsuk	42390	567	643	99	0
QC, Valleyfield	QC, Kuujjuaq	36101	143	0	0	0
QC, Valleyfield	QC, Kuujjuaq	34999	66	0	0	141
QC, Valleyfield	QC, Kuujjuaq	42390	1,502	870	591	141
QC, Valleyfield	QC, Kuujjuarapik	42390	125	38	146	0
QC, Valleyfield	NU, Lake Harbour	42390	506	0	93	0
QC, Valleyfield	NU, Nanisivik	42390	1,586	0	79	0
QC, Valleyfield	NU, Pangnirtung	34999	32	0	0	0
QC, Valleyfield	NU, Pangnirtung	42390	1,563	407	347	71
QC, Valleyfield	NU, Pond Inlet	42390	811	0	294	0
QC, Valleyfield	QC, Povungnituk	34999	399	0	0	0
QC, Valleyfield	QC, Povungnituk	42390	680	0	275	0
QC, Valleyfield	QC, Quaqtaq	42390	19	24	46	0
QC, Valleyfield	NU, Repulse Bay	34999	0	7	0	0
QC, Valleyfield	NU, Repulse Bay	42390	0	192	0	0
QC, Valleyfield	NU, Resolute Bay	42390	327	0	142	0
QC, Valleyfield	QC, Salluit	42390	1,141	0	192	0
QC, Valleyfield	QC, Tasiujaq	34999	16	0	0	0
QC, Valleyfield	QC, Tasiujaq	42390	311	86	43	818
QC, Valleyfield	QC, Umiujaq	42390	35	17	70	0
QC, Valleyfield	QC, Wakeham Bay	36101	5	0	0	0
QC, Valleyfield	QC, Wakeham Bay	42390	133	39	127	0
QC, Wakeham Bay	QC, Cote-Ste-Catherine	42390	0	0	502	0
QC, Wakeham Bay	QC, Montreal	17100	0	0	224	0
QC, Wakeham Bay	QC, Montreal	17200	0	0	778	0
QC, Wakeham Bay	QC, Montreal	18000	0	0	1,358	0
QC, Wakeham Bay	QC, Valleyfield	36101	0	0	5	0
QC, Wakeham Bay	QC, Valleyfield	42390	127	0	133	39
	Total cargo volumes		389,426	4,501	389,426	4,501

Appendix 3.3. Annual cargo movements between Canadian coldwater ports and international coldwater ports between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo volumes are reported in tonnes..

1997	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
NT, Tuktoyaktuk	U.S., Prudhole,Bay, AK	34520	142	0	0	0
NT, Tuktoyaktuk	U.S., Prudhole Bay, AK	34999	0	0	68	0
NT, Tuktoyaktuk	U.S., Prudhole Bay, AK	40920	0	0	272	0
	Total cargo volumes		142	0	340	0

1998	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Greenland, not specified	17100	0	0	1,783	0
MB, Churchill	Greenland, not specified	17200	0	0	2,243	0
MB, Churchill	Greenland, not specified	18000	0	0	12,413	0
NT, Tuktokaytuk	U.S., Prudhoe Bay, AK	13929	439	0	0	0
NT, Tuktoyaktuk	U.S., Prudhoe Bay, AK	34520	142	0	0	0
NT, Tuktokaytuk	U.S., Prudhoe Bay, AK	34520	882	0	0	0
NT, Tuktoyaktuk	U.S., Prudhoe Bay, AK	34999	0	0	68	0
NT, Tuktoyaktuk	U.S., Prudhoe Bay, AK	40920	0	0	272	0
NT, Tuktokaytuk	U.S., Prudhoe Bay, AK	42390	462	0	0	0
NU, Belcher Islands	Greenland, not specified	17100	0	0	157	0
NU, Belcher Islands	Greenland, not specified	17200	0	0	1,338	0
NU, Broughton Island	Greenland, not specified	18000	0	0	13,909	0
NU, Cape Dorset	Greenland, not specified	17100	0	0	315	0
NU, Cape Dorset	Greenland, not specified	17200	0	0	137	0
NU, Cape Dorset	Greenland, not specified	18000	0	0	2,467	0
NU, Hall Beach	Greenland, not specified	17100	0	0	487	0
NU, Hall Beach	Greenland, not specified	18000	0	0	1,685	0
NU, Igloolik	Greenland, not specified	17100	0	0	553	0
NU, Igloolik	Greenland, not specified	17200	0	0	409	0
NU, Igloolik	Greenland, not specified	18000	0	0	3,123	0
NU, Iqaluit	Greenland, not specified	17100	0	0	1,778	0
NU, Iqaluit	Greenland, not specified	17200	0	0	16,218	0
NU, Iqaluit	Greenland, not specified	18000	0	0	3,262	0
NU, Lake Harbour	Greenland, not specified	17100	0	0	207	0
NU, Lake Harbour	Greenland, not specified	18000	0	0	1,249	0
NU, Repulse Bay	Greenland, not specified	17100	0	0	258	0
NU, Repulse Bay	Greenland, not specified	18000	0	0	1,286	0
	Total cargo volumes		1,925	0	65,617	0

1999	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Greenland, not specified	17100	0	0	3,669	0
MB, Churchill	Greenland, not specified	17200	0	0	1,957	0
MB, Churchill	Greenland, not specified	18000	0	0	8,939	0
NT, Tuktoyaktuk	U.S., Barrow, AK	33340	953	0	0	0
NT, Tuktoyaktuk	U.S., Kaktovik, AK	33340	279	0	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	18000	781	0	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	34999	0	0	1	0
NU, Iqaluit	Greenland, not specified	17200	0	0	16,863	0
NU, Pelly Bay	Greenland, not specified	18000	0	0	961	0
	Total cargo volumes		2,013	0	32,390	0

2000	International port of	Commodity	Exported from Canada		Imported to Canada	

Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
NT, Inuvik	U.S., Prudhoe Bay, AK	33999	0	0	122	0
NT, Tuktoyaktuk	U.S., Kaktovik, AK	33340	244	0	0	0
NU, Arctic Bay	Greenland, Nuuk	17100	0	0	407	0
NU, Arctic Bay	Greenland, Nuuk	17200	0	0	151	0
NU, Arctic Bay	Greenland, Nuuk	36310	0	0	2,266	0
NU, Broughton Island	Greenland, Nuuk	17100	0	0	694	0
NU, Broughton Island	Greenland, Nuuk	17200	0	0	1,351	0
NU, Broughton Island	Greenland, Nuuk	18000	0	0	2,199	0
NU, Broughton Island	Greenland, Nuuk	19911	0	0	6	0
NU, Cape Aston	Greenland, Nuuk	17100	0	0	211	0
NU, Cape Aston	Greenland, Nuuk	18000	0	0	530	0
NU, Cape Aston	Greenland, Nuuk	19911	0	0	6	0
NU, Cape Dorset	Greenland, not specified	17100	0	0	440	0
NU, Cape Dorset	Greenland, not specified	17200	0	0	201	0
NU, Cape Dorset	Greenland, not specified	18000	0	0	2,691	0
NU, Cape Dorset	Greenland, not specified	19911	0	0	3	0
NU, Grisefiord	Greenland, Nuuk	17100	0	0	164	0
NU, Grisefiord	Greenland, Nuuk	17200	0	0	159	0
NU, Grisefiord	Greenland, Nuuk	18000	0	0	801	0
NU, Grisefiord	Greenland, Nuuk	19911	0	0	2	0
NU, Hall Beach	Greenland, not specified	17200	0	0	481	0
NU, Hall Beach	Greenland, not specified	18000	0	0	1,770	0
NU, Hall Beach	Greenland, not specified	19911	0	0	6	0
NU, Igloolik	Greenland, Nuuk	17100	0	0	672	0
NU, Igloolik	Greenland, Nuuk	17200	0	0	607	0
NU, Igloolik	Greenland, Nuuk	18000	0	0	2,725	0
NU, Igloolik	Greenland, Nuuk	19911	0	0	8	0
NU, Iqaluit	Greenland, not specified	17200	0	0	11,242	0
NU, Iqaluit	Greenland, not specified	36310	0	0	8,153	0
NU, Nanisivik	Greenland, Nuuk	18000	0	0	2,890	0
NU, Pond Inlet	Greenland, Nuuk	17100	0	0	1,238	0
NU, Pond Inlet	Greenland, Nuuk	17200	0	0	1,538	0
NU, Pond Inlet	Greenland, Nuuk	18000	0	0	6,120	0
NU, Pond Inlet	Greenland, Nuuk	19911	0	0	3	0
NU, Resolute Bay	Greenland, Nuuk	17100	0	0	1,304	0
NU, Resolute Bay	Greenland, Nuuk	17200	0	0	5,560	0
NU, Resolute Bay	Greenland, Nuuk	18000	0	0	1,740	0
	Total cargo volumes		244	0	58,461	0

2001	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
NU, Arctic Bay	Greenland, Nuuk	17100	0	0	318	0
NU, Arctic Bay	Greenland, Nuuk	19990	0	0	13	0
NU, Arctic Bay	Greenland, Nuuk	36310	0	0	1,402	0
NU, Broughton Island	Greenland, Nuuk	17100	0	0	258	0
NU, Broughton Island	Greenland, Nuuk	17200	0	0	711	0
NU, Broughton Island	Greenland, Nuuk	18000	0	0	1,004	0
NU, Broughton Island	Greenland, Nuuk	19911	0	0	13	0
NU, Cape Aston	Greenland, Nuuk	17100	0	0	421	0
NU, Cape Aston	Greenland, Nuuk	17200	0	0	1,602	0
NU, Cape Aston	Greenland, Nuuk	18000	0	0	513	0
NU, Cape Aston	Greenland, Nuuk	19911	0	0	2	0
NU, Cape Aston	Greenland, Nuuk	19990	0	0	2	0
NU, Cape Aston	Greenland, Nuuk	42390	0	0	212	895
NU, Cape Dorset	Greenland, Nuuk	17100	0	0	320	0
NU, Cape Dorset	Greenland, Nuuk	17200	0	0	240	0
NU, Cape Dorset	Greenland, Nuuk	18000	0	0	2,803	0
NU, Cape Dorset	Greenland, Nuuk	19911	0	0	13	0

NU, Grisefiord	Greenland, Nuuk	17100	0	0	78	0
NU, Grisefiord	Greenland, Nuuk	17200	0	0	60	0
NU, Grisefiord	Greenland, Nuuk	36310	0	0	651	0
NU, Hall Beach	Greenland, Nuuk	17100	0	0	432	0
NU, Hall Beach	Greenland, Nuuk	18000	0	0	1,474	0
NU, Hall Beach	Greenland, Nuuk	19911	0	0	6	0
NU, Igloolik	Greenland, Nuuk	17100	0	0	307	0
NU, Igloolik	Greenland, Nuuk	17200	0	0	395	0
NU, Igloolik	Greenland, Nuuk	18000	0	0	1,703	0
NU, Igloolik	Greenland, Nuuk	19911	0	0	22	0
NU, Iqaluit	Greenland, Nuuk	17100	0	0	206	0
NU, Iqaluit	Greenland, Nuuk	17200	0	0	18,503	0
NU, Iqaluit	Greenland, Nuuk	18000	0	0	15,127	0
NU, Iqaluit	Greenland, Nuuk	19911	0	0	13	0
NU, Nanisivik	Greenland, Nuuk	18000	0	0	1,059	0
NU, Pangnirtung	Greenland, Nuuk	17100	0	0	822	0
NU, Pangnirtung	Greenland, Nuuk	17200	0	0	635	0
NU, Pangnirtung	Greenland, Nuuk	18000	0	0	2,467	0
NU, Pangnirtung	Greenland, Nuuk	19911	0	0	13	0
NU, Pangnirtung	Greenland, Nuuk	19990	0	0	13	0
NU, Pond Inlet	Greenland, Nuuk	17100	0	0	432	0
NU, Pond Inlet	Greenland, Nuuk	17200	0	0	1,124	0
NU, Pond Inlet	Greenland, Nuuk	18000	0	0	3,444	0
NU, Pond Inlet	Greenland, Nuuk	19911	0	0	17	0
NU, Repulse Bay	Greenland, Nuuk	17100	0	0	260	0
NU, Repulse Bay	Greenland, Nuuk	18000	0	0	1,485	0
NU, Repulse Bay	Greenland, Nuuk	19911	0	0	4	0
	Total cargo volumes		0	0	60,599	

2002	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/departure		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Greenland, Nuuk	17100	0	0	3,469	0
MB, Churchill	Greenland, Nuuk	17200	0	0	4,220	0
MB, Churchill	Greenland, Nuuk	18000	0	0	9,150	0
NU, Arctic Bay	Greenland, Nuuk	18000	0	0	1,602	0
NU, Broughton Island	Greenland, Nuuk	17200	0	0	123	0
NU, Broughton Island	Greenland, Nuuk	18000	0	0	534	0
NU, Broughton Island	Greenland, Nuuk	36310	0	0	573	0
NU, Cape Aston	Greenland, Nuuk	18000	0	0	562	0
NU, Grisefiord	Greenland, Nuuk	18000	0	0	715	0
NU, Iqaluit	Greenland, Nuuk	17100	3,697	0	1,847	0
NU, Iqaluit	Greenland, Nuuk	17200	0	0	7,542	0
NU, Iqaluit	Greenland, Nuuk	18000	0	0	7,575	0
NU, Pond Inlet	Greenland, Nuuk	18000	0	0	3,050	0
NU, Resolute Bay	Greenland, Nuuk	18000	0	0	1,244	0
	Total cargo volumes		3,697	0	42,206	0

2003	No movments reported

Appendix 3.4. Cargo movements between Canadian coldwater ports and international temperate coldwater ports between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo loads are reported in tonnes.

1997	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NT, Tuktoyaktuk	U.S., not specified, AK	18000	0	2,916	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	19100	0	27	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	23909	0	1	0	0
	Total cargo volumes		0	2,944	0	0

1998	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NT, Tuktoyaktuk	U.S., not specified, AK	18000	0	2,767	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	34940	0	2,273	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	38109	0	0	0	150
NT, Tuktoyaktuk	U.S., not specified, AK	42390	0	650	0	2
	Total cargo volumes		0	5,690	0	152

1999	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
NT, Tuktoyaktuk	U.S., not specified, AK	18000	781	0	0	0
NT, Tuktoyaktuk	U.S., not specified, AK	34999	0	0	1	0
	Total cargo volumes		781	0	1	0

2000, 2001, 2002 No movements reported

2003	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Norway, Stavanger	2100	26,400	0	0	0
	Total cargo volumes		26,400	0	0	0

Appendix 3.5. Cargo movements between Canadian coldwater ports and international temperate or tropic ports between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo loads are reported in tonnes.

1997	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Ethiopia, Assab	2100	23,650	0	0	0
MB, Churchill	Ethiopia, Assab	24224	45	0	0	0
MB, Churchill	U.S., Brownsville, TX	2100	11,500	0	0	0
MB, Churchill	Brazil, Fortaleza	2100	26,250	0	0	0
MB, Churchill	Nigeria, Lagos	2100	28,500	0	0	0
MB, Churchill	Kenya. Mombasa	2100	29,700	0	0	0
MB, Churchill	Brazil, not specified	2100	33,900	0	0	0
MB, Churchill	Mexico, not specified	2100	31,500	0	0	0
MB, Churchill	Nigeria, not specified	2100	28,000	0	0	0
MB, Churchill	Turkey, not specified	2100	26,250	0	0	0
MB, Churchill	Brazil, Recife	2100	24,150	0	0	0
MB, Churchill	Brazil, Santos	2100	31,500	0	0	0
MB, Churchill	Mexico, Veracruz	2100	106,250	0	0	0
NL, Goose Bay	Germany, Emden	8100	0	0	0	30
NL, Goose Bay	Germany, Emden	42390	0	18	7	204
NT, Tuktoyaktuk	U.S., Camden, NJ	18000	1,922	0	0	0
NT, Tuktoyaktuk	U.S., Camden, NJ	40920	254	0	0	0
NU, Arctic Bay	U.S., Lake Charles, LA	17100	0	0	1,497	0
NU, Arctic Bay	U.S., Lake Charles, LA	17200	0	0	6,207	0
NU, Arctic Bay	U.S., Lake Charles, LA	18000	0	0	8,025	0
NU, Broughton Island	U.S., Lake Charles, LA	17100	0	0	977	0
NU, Broughton Island	U.S., Lake Charles, LA	17200	0	0	1,561	0
NU, Broughton Island	U.S., Lake Charles, LA	18000	0	0	3,059	0
NU, Cape Aston	U.S., Lake Charles, LA	17100	0	0	1,673	0
NU, Cape Aston	U.S., Lake Charles, LA	17200	0	0	8,385	0
NU, Cape Aston	U.S., Lake Charles, LA	18000	0	0	8,850	0
NU, Cape Dorset	U.S., Lake Charles, LA	17100	0	0	400	0
NU, Cape Dorset	U.S., Lake Charles, LA	17200	0	0	192	0
NU, Cape Dorset	U.S., Lake Charles, LA	18000	0	0	2,122	0
NU, Cornwallis Island	Belgium, Antwerp	14994	150,927	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	42,409	0	0	0
NU, Cornwallis Island	Finland, not specified	14994	39,094	0	0	0
NU, Hall Beach	U.S., Lake Charles, LA	17100	0	0	528	0
NU, Hall Beach	U.S., Lake Charles, LA	17200	0	0	1,281	0
NU, Hall Beach	U.S., Lake Charles, LA	18000	0	0	1,521	0
NU, Igloolik	U.S., Lake Charles, LA	17100	0	0	606	0
NU, Igloolik	U.S., Lake Charles, LA	17200	0	0	560	0
NU, Igloolik	U.S., Lake Charles, LA	18000	0	0	3,179	0
NU, Iqaluit	U.S., Lake Charles, LA	17100	0	0	8,377	0
NU, Iqaluit	U.S., Lake Charles, LA	17200	0	0	19,762	0
NU, Iqaluit	U.S., Lake Charles, LA	18000	0	0	15,697	0
NU, Lake Harbour	U.S., Lake Charles, LA	17100	0	0	279	0
NU, Lake Harbour	U.S., Lake Charles, LA	18000	0	0	910	0
NU, Nanisivik	Belgium, Antwerp	14994	55,565	0	0	0
NU, Nanisivik	Spain, Aviles	14994	28,623	0	0	0
NU, Nanisivik	Netherlands, Flushing	18000	0	0	1,972	0
NU, Nanisivik	Germany, not specified	14994	18,560	0	0	0
NU, Pangnirtung	U.S., Lake Charles, LA	17100	0	0	1,906	0
NU, Pangnirtung	U.S., Lake Charles, LA	17200	0	0	2,510	0
NU, Pangnirtung	U.S., Lake Charles, LA	18000	0	0	8,812	0
NU, Pond Inlet	U.S., Lake Charles, LA	17100	0	0	2,213	0
NU, Pond Inlet	U.S., Lake Charles, LA	17200	0	0	9,108	0

NU, Pond Inlet	U.S., Lake Charles, LA	18000	0	0	9,704	0
NU, Resolute Bay	U.S., Lake Charles, LA	18000	0	0	3,525	0
	Total cargo volumes		738,549	18	135,405	234

1998	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	U.S., Brownsville,TX	2100	10,000	0	0	0
MB, Churchill	Cameroon, Duala	2100	12,800	0	0	0
MB, Churchill	U.S., Houston, TX	17100	0	0	1,780	0
MB, Churchill	Spain, Huelva	14910	0	0	11,378	0
MB, Churchill	Venezuela, La Guaira	2100	11,773	0	0	0
MB, Churchill	Nigeria, Lagos	2100	53,966	0	0	0
MB, Churchill	Togo, Lome	2100	9,000	0	0	0
MB, Churchill	Venezuela, Maracaibo	2100	9,207	0	0	0
MB, Churchill	Mexico, not specified	2100	45,490	0	0	0
MB, Churchill	Nigeria, Port Harcourt	2100	40,267	0	0	0
MB, Churchill	Sudan, Port Sudan	2100	26,250	0	0	0
MB, Churchill	Chile, San Antonio	36310	0	0	6,732	0
MB, Churchill	Ghana, Takoradi	2100	13,658	0	0	0
MB, Churchill	Mexico, Veracruz	2100	86,000	0	0	0
NL, Goose Bay	Germany, Emden	26901	16	0	0	0
NL, Goose Bay	Germany, Emden	34994	15	0	0	0
NL, Goose Bay	Germany, Emden	36409	1	0	0	0
NL, Goose Bay	Germany, Emden	42390	0	0	0	83
NL, Goose Bay	Germany, Wilhelmshaven	7891	0	0	0	18
NL, Goose Bay	Germany, Wilhelmshaven	8100	0	0	0	11
NL, Goose Bay	Germany, Wilhelmshaven	20509	0	0	0	5
NL, Goose Bay	Germany, Wilhelmshaven	34519	0	0	0	5
NU, Arctic Bay	U.K., Grangemouth	17100	0	0	955	0
NU, Arctic Bay	U.K., Grangemouth	17200	0	0	6,744	0
NU, Arctic Bay	U.K., Grangemouth	18000	0	0	12,394	0
NU, Cornwallis Island	Belgium, Antwerp	14993	14,225	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14994	165,847	0	91	0
NU, Cornwallis Island	Belgium, Antwerp	20269	0	0	22	0
NU, Cornwallis Island	Belgium, Antwerp	31100	0	0	21,100	0
NU, Cornwallis Island	Belgium, Antwerp	41120	0	0	20	0
NU, Cornwallis Island	Belgium, Antwerp	42390	73	0	160	0
NU, Cornwallis Island	Germany, Nordenham	14993	20,468	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	64,628	0	0	0
NU, Broughton Island	U.K., Grangemouth	17100	0	0	1,366	0
NU, Broughton Island	U.K., Grangemouth	17200	0	0	9,075	0
NU, Cape Aston	U.K., Grangemouth	17100	0	0	955	0
NU, Cape Aston	U.K., Grangemouth	17200	0	0	6,744	0
NU, Cape Aston	U.K., Grangemouth	18000	0	0	12,394	0
NU, Iqaluit	U.K., Grangemouth	17100	0	0	7,983	0
NU, Iqaluit	U.K., Grangemouth	17200	0	0	9,960	0
NU, Iqaluit	U.S., Lake Charles, LA	17100	0	0	367	0
NU, Iqaluit	U.S., Lake Charles, LA	18000	0	0	14,727	0
NU, Nanisivik	Belgium, Antwerp	14994	47,275	0	0	0
NU, Nanisivik	Spain, Aviles	14994	27,997	0	0	0
NU, Nanisivik	Belgium, not specified	20269	27,171	0	0	0
NU, Pangnirtung	U.K., Grangemouth	17100	0	0	1,778	0
NU, Pangnirtung	U.K., Grangemouth	17200	0	0	268	0
NU, Pangnirtung	U.K., Grangemouth	18000	0	0	2,527	0
NU, Resolute Bay	U.K., Grangemouth	17100	0	0	424	0
NU, Resolute Bay	U.K., Grangemouth	17200	0	0	6,175	0
NU, Resolute Bay	U.K., Grangemouth	18000	0	0	7,488	0
	Total cargo volumes		686,127	0	143,607	122

1999	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	U.S., Brownsville, TX	2100	10,400	0	0	0
MB, Churchill	Ireland, Dublin	3221	24,033	0	0	0
MB, Churchill	Brazil, Fortaleza	2100	26,250	0	0	0
MB, Churchill	U.S., Houston, TX	17200	0	0	9,404	0
MB, Churchill	U.S., Houston, TX	18000	0	0	5,999	0
MB, Churchill	Venezuela, La Guaira	2100	22,000	0	0	0
MB, Churchill	Mexico, Lazaro Cardenas	2100	33,500	0	0	0
MB, Churchill	Portugal, Lisbon	4110	5,000	0	0	0
MB, Churchill	Spain, Malaga	4110	5,975	0	0	0
MB, Churchill	Turkey, Mersin	2100	17,010	0	0	0
MB, Churchill	Libya, Misurata	2100	32,700	0	0	0
MB, Churchill	Kenya, Mombasa	2100	32,900	0	0	0
MB, Churchill	Germany, Nordenham	2100	21,000	0	0	0
MB, Churchill	Turkey, not specified	2100	59,865	0	0	0
MB, Churchill	Venezuela, not specified	2100	23,927	0	0	0
MB, Churchill	Spain, Tarragona	3221	23,576	0	0	0
MB, Churchill	Libya, Tripoli	2100	59,400	0	0	0
MB, Churchill	Mexico, Veracruz	2100	47,100	0	0	0
NL, Goose Bay	Germany, Cuxhaven	42390	0	0	0	71
NL, Goose Bay	Germany, Emden	33322	0	0	0	49
NL, Goose Bay	Germany, Emden	34519	0	0	0	9
NL, Goose Bay	Germany, Emden	34999	0	0	123	0
NL, Goose Bay	Germany, Emden	39019	0	0	0	7
NL, Goose Bay	Germany, Emden	42390	5	0	0	14
NL, Nain	Italy, not specified	10020	2,170	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14993	6,563	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14994	209,087	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	42390	0	26	10,631	125
NU, Cornwallis Island	Finland, Naantali	14994	24,623	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	28,665	0	0	0
NU, Cornwallis Island	Finland, not specified	14994	42,173	0	0	0
NU, Iqaluit	U.S., Houston, TX	17200	0	0	6,445	0
NU, Nanisivik	Belgium, Antwerp	14994	55,081	0	0	0
NU, Nanisivik	Spain, Aviles	14994	56,711	0	0	0
	Total cargo volumes		867,714	26	32,602	275

2000	International port of	Commodity	Exported from Canada		Imported toCanada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Spain, Barcelona	4199	27,500	0	0	0
MB, Churchill	U.S., Brownsville,TX	2100	9,700	0	0	0
MB, Churchill	Ireland, Dublin	4199	25,600	0	0	0
MB, Churchill	South Africa, Durban	2100	33,000	0	0	0
MB, Churchill	Brazil, Fortaleza	2100	34,446	0	0	0
MB, Churchill	Belgium, Ghent	3502	18,893	0	0	0
MB, Churchill	Belgium, Ghent	4199	38,338	0	0	0
MB, Churchill	Spain, Huelva	4199	25,751	0	0	0
MB, Churchill	Venezuela, La Guaira	2100	26,299	0	0	0
MB, Churchill	Nigeria, Lagos	2100	35,550	0	0	0
MB, Churchill	Ireland, not specified	4199	3,700	0	0	0
MB, Churchill	Italy, not specified	4199	8,000	0	0	0
MB, Churchill	Kenya, not specified	2100	17,000	0	0	0
MB, Churchill	Mexico, not specified	2100	52,900	0	0	0
MB, Churchill	Morocco, not specified	2100	37,810	0	0	0
MB, Churchill	South Africa, not specified	2100	30,300	0	0	0
MB, Churchill	Spain, not specified	4199	38,339	0	0	0
MB, Churchill	U.K., not specified	37210	41	0	41	0

MB, Churchill	Turkey, not specified	2100	35,200	0	0	0
MB, Churchill	Nigeria, Port Harcourt	2100	26,150	0	0	0
MB, Churchill	Sudan, Port Sudan	2100	58,804	0	0	0
MB, Churchill	Ghana, Tema	2100	22,000	0	0	0
MB, Churchill	U.S., Texas City, TX	17100	0	0	2,999	0
MB, Churchill	U.S., Texas City, TX	17200	0	0	3,364	0
MB, Churchill	U.S., Texas City, TX	18000	0	0	12,183	0
MB, Churchill	Mexico, Veracruz	2100	105,300	0	0	0
NL, Goose Bay	Germany, Cuxhaven	20509	6	0	0	0
NL, Goose Bay	Germany, Cuxhaven	36101	1	0	0	0
NL, Goose Bay	Germany, Cuxhaven	36210	30	0	0	0
NL, Goose Bay	Germany, Cuxhaven	40110	0	11	0	63
NL, Goose Bay	Germany, Emden	36101	0	0	1	0
NL, Goose Bay	Germany, Emden	36210	0	0	89	0
NL, Goose Bay	Germany, Emden	40110	0	0	0	108
NL, Goose Bay	U.S., New York, NY	33992	0	0	50	0
NL, Goose Bay	U.S., Wilmington, NC	40110	0	0	0	21
NL, Nain	Italy, not specified	10020	2,356	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14993	8,066	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14994	133,823	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14993	16,253	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	14,048	0	0	0
NU, Cornwallis Island	Finland, not specified	14994	38,485	0	0	0
NU, Iqaluit	U,S, New York, NY	17100	0	0	4,005	0
NU, Iqaluit	U.S., Texas City, TX	17200	0	0	11,885	0
NU, Iqaluit	U.S., Texas City, TX	18000	0	0	5,871	0
NU, Lake Harbour	U.S., New York, NY	17100	0	0	220	0
NU, Lake Harbour	U.S., Texas City,TX	18000	0	0	1,241	0
NU, Lake Harbour	U.S., Texas City, TX	19911	0	0	8	0
NU, Nanisivik	Belgium, Antwerp	14994	43,404	0	0	0
NU, Nanisivik	Spain, Aviles	13910	36,263	0	0	0
NU, Nanisivik	Spain, Aviles	14994	28,852	0	0	0
NU, Pangnirtung	U.S., New York, NY	17100	0	0	721	0
NU, Pangnirtung	U.S., Texas City, TX	18000	0	0	2,463	0
NU, Pangnirtung	U.S., Texas City, TX	19911	0	0	14	0
QC, Deception Bay	Belgium, Antwerp	20252	0	0	3,000	0
QC, Deception Bay	Belgium, Antwerp	20269	0	0	1,362	0
	Total cargo volumes		1,032,208	11	49,517	192

2001	International port of	Commodity	Exported to Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Morocco, Casablanca	2100	52,650	0	0	0
MB, Churchill	Belgium, Ghent	2100	12,050	0	0	0
MB, Churchill	Belgium, Ghent	2909	3,092	0	0	0
MB, Churchill	Belgium, Ghent	3502	2,044	0	0	0
MB, Churchill	Belgium, Ghent	4199	34,761	0	0	0
MB, Churchill	Nigeria, Lagos	2100	16,500	0	0	0
MB, Churchill	Belgium, not specified	4199	26,250	0	0	0
MB, Churchill	Egypt, not specified	2100	158,985	0	0	0
MB, Churchill	Morocco, not specified	2100	27,380	0	0	0
MB, Churchill	Nigeria, not specified	2100	26,643	0	0	0
MB, Churchill	Nigeria, Port Harcourt	2100	47,075	0	0	0
MB, Churchill	Sudan, Port Sudan	2100	26,600	0	0	0
MB, Churchill	U.S., Texas City, TX	17100	0	0	3,285	0
MB, Churchill	U.S., Texas City, TX	17200	0	0	7,035	0
MB, Churchill	U.S., Texas City, TX	36310	0	0	13,301	0
MB, Churchill	Mexico, Veracruz	2100	44,000	0	0	0
NL, Goose Bay	Germany, Cuxhaven	8100	0	0	0	49
NL, Goose Bay	Germany, Cuxhaven	34511	0	0	6	0

NL, Goose Bay	Germany, Cuxhaven	34520	0	0	22	0
NL, Goose Bay	Germany, Cuxhaven	36101	0	0	3	0
NL, Goose Bay	Germany, Cuxhaven	36210	0	0	73	0
NL, Goose Bay	Germany, Cuxhaven	40110	0	0	65	15
NL, Nain	Italy, not specified	10020	2,797	15	0	0
NU, Cornwallis Island	Belgium, Antwerp	14993	3,597	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14994	72,170	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	33111	0	0	6	0
NU, Cornwallis Island	Belgium, Antwerp	42390	0	18	4,038	0
NU, Cornwallis Island	Spain, Aviles	14994	42,500	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14993	10,512	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	74,514	0	0	0
NU, Cornwallis Island	Finland, not specified	14994	42,221	0	0	0
NU, Iqaluit	U.S., Texas City, TX	17100	0	0	4,382	0
NU, Iqaluit	U.S., Texas City, TX	17200	0	0	1,870	0
NU, Iqaluit	U.S., Texas City, TX	19911	0	0	4	0
NU, Iqaluit	U.S., Texas City, TX	36310	0	0	1,084	0
NU, Lake Harbour	U.S., Texas City, TX	17100	0	0	200	0
NU, Lake Harbour	U.S., Texas City, TX	19911	0	0	13	0
NU, Lake Harbour	U.S., Texas City, TX	36310	0	0	811	0
NU, Nanisivik	Spain, Aviles	14994	84,108	0	0	0
NU, Nanisivik	Spain, not specified	14994	28,850	0	0	0
QC, Deception Bay	Belgium, Antwerp	20252	0	0	1,506	0
QC, Deception Bay	Belgium, Antwerp	20269	0	0	2,547	0
	Total cargo volumes		839,299	33	40,251	64

2002	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Morocco, Casabalanca	2100	27,500	0	0	0
MB, Churchill	U.S., Corpus Cristi, TX	18000	0	0	318	0
MB, Churchill	Nigeria, Lagos	2100	51,000	0	0	0
MB, Churchill	U.S., New York, NY	17200	3,492	0	0	0
MB, Churchill	Ecuador, not specified	2100	28,950	0	0	0
MB, Churchill	Ghana, not specified	2100	9,000	0	0	0
MB, Churchill	Ivory Coast, not specified	2100	10,500	0	0	0
MB, Churchill	Senegal, not specified	2100	3,500	0	0	0
MB, Churchill	Spain, not specified	2100	44,000	0	0	0
MB, Churchill	Togo, not specified	2100	4,000	0	0	0
MB, Churchill	Nigeria, Port Harcourt	2100	15,000	0	0	0
MB, Churchill	Sudan, Port Sudan	2100	31,200	0	0	0
MB, Churchill	Venezuela, Puerto Cabello	2100	27,620	0	0	0
MB, Churchill	Brazil, Recife	2100	21,000	0	0	0
NL, Goose Bay	Morocco, Ceuta	8100	0	0	33	0
NL, Goose Bay	Morocco, Ceuta	37320	0	0	5	0
NL, Goose Bay	Germany, Cuxhaven	33201	2	0	0	0
NL, Goose Bay	Germany, Cuxhaven	36409	1	0	0	0
NL, Goose Bay	Germany, Cuxhaven	40110	103	0	0	0
NL, Nain	Italy, Marina di Carrara	10020	3,720	107	0	0
NL, Nain	Italy, Marina di Carrara	33330	1	0	0	0
NL, Nain	Italy, Marina di Carrara	34940	1	0	0	0
NU, Arctic Bay	U.S., Perth Amboy, NJ	17100	0	0	340	0
NU, Broughton Island	U.S., Corpus Christi, TX	17200	0	0	810	0
NU, Broughton Island	U.S., Perth Amboy, NJ	17100	0	0	339	0
NU, Cape Aston	U.S., Corpus Christi, TX	17200	0	0	1,438	0
NU, Cape Aston	U.S., Perth Amboy, NJ	17100	0	0	340	0
NU, Cape Dorset	U.S., Corpus Christi, TX	17200	0	0	80	0
NU, Cape Dorset	U.S., Corpus Christi, TX	18000	0	0	2,883	0
NU, Cape Dorset	U.S., Perth Amboy, NJ	17100	0	0	400	0
NU, Cape Dorset	U.S., Perth Amboy, NJ	19990	0	0	9	0

NU, Cornwallis Island	Belgium, Antwerp	14993	20,873	0	0	0
NU, Cornwallis Island	Belgium, Antwerp	14994	48,290	0	0	0
NU, Cornwallis Island	Spain, Aviles	14993	10,500	0	0	0
NU, Cornwallis Island	Spain, Aviles	14994	32,100	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14993	21,151	0	0	0
NU, Cornwallis Island	Germany, Nordenham	14994	21,151	0	0	0
NU, Cornwallis Island	Finland, not specified	14994	42,300	0	0	0
NU, Grisefiord	U.S., Corpus Cristi, TX	17200	0	0	38	0
NU, Grisefiord	U.S., Perth Amboy, NJ	17100	0	0	123	0
NU, Hall Beach	U.S., Corpus Cristi, TX	18000	0	0	1,442	0
NU, Hall Beach	U.S., New York, NY	17100	404	0	0	0
NU, Hall Beach	U.S., Perth Amboy, NJ	17100	0	0	240	0
NU, Igloolik	U.S., Corpus Cristi, TX	17200	0	0	400	0
NU, Igloolik	U.S., Corpus Cristi, TX	18000	0	0	2,002	0
NU, Igloolik	U.S., New York, NY	17100	149	0	0	0
NU, Igloolik	U.S., Perth Amboy, NJ	17100	0	0	521	0
NU, Iqaluit	U.S., Corpus Cristi, TX	17200	0	0	4,325	0
NU, Iqaluit	U.S., New York, NY	17100	1,362	0	0	0
NU, Iqaluit	U.S., Texas City, TX	17100	0	0	2,989	0
NU, Iqaluit	U.S., Texas City, TX	17200	0	0	11,199	0
NU, Iqaluit	U.S., Texas City, TX	18000	0	0	11,548	0
NU, Lake Harbour	U.S.,Corpus Cristi, TX	17200	0	0	1,821	0
NU, Lake Harbour	U.S., Corpus Cristi, TX	18000	0	0	483	0
NU, Lake Harbour	U.S., Perth Amboy, NJ	17100	0	0	274	0
NU, Nanisvik	Belgium, Antwerp	14994	22,939	0	0	0
NU, Nanisvik	Spain, Aviles	14994	126,159	0	0	0
NU, Pangnirtung	U.S., Corpus Cristi, TX	17200	0	0	961	0
NU, Pangnirtung	U.S., Perth Amboy, NJ	17100	0	0	1,081	0
NU, Pond Inlet	U.S., Corpus Cristi, TX	17200	0	0	332	0
NU, Pond Inlet	U.S., Perth Amboy, NJ	17100	0	0	541	0
NU, Repulse Bay	U.S., Corpus Cristi, TX	18000	0	0	1,281	0
NU, Repulse Bay	U.S., New York, NY	17100	47	0	0	0
NU, Repulse Bay	U.S., Perth Amboy, NJ	17100	0	0	295	0
NU, Resolute Bay	U.S., Corpus Cristi, TX	17200	0	0	330	0
NU, Resolute Bay	U.S., Perth Amboy, NJ	17100	0	0	284	0
QC, Deception Bay	Belgium, Antwerp	20252	0	0	3,514	0
	Total cargo volumes		628,015	107	53,019	0

2003	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
MB, Churchill	Belgium, Antwerp	3502	25,125	0	0	0
MB, Churchill	Belgium, Ghent	2100	42,451	0	0	0
MB, Churchill	Brazil, not specified	2100	30,000	0	0	0
MB, Churchill	Brazil, Santos	2100	30,250	0	0	0
MB, Churchill	Ghana, Takoradi	2100	35,800	0	0	0
MB, Churchill	Greece, not specified	2100	22,073	0	0	0
MB, Churchill	Greece, Volos	2100	10,325	0	0	0
MB, Churchill	Italy, not specified	2100	45,500	0	0	0
MB, Churchill	Italy, Legnorn	2100	41,000	0	0	0
MB, Churchill	Italy, Savona	2100	18,847	0	0	0
MB, Churchill	Mexico, Veracruz	3503	26,800	0	0	0
MB, Churchill	Mozambique, Maputo	2100	27,000	0	0	0
MB, Churchill	Nigeria, not specified	2100	14,400	0	0	0
MB, Churchill	Nigeria, Port Harcourt	2100	15,850	0	0	0
MB, Churchill	Spain, Bilbao	2100	31,670	0	0	0
MB, Churchill	Spain, not specified	2100	17,758	0	0	0
MB, Churchill	Spain, not specified	4199	92,795	0	0	0
MB, Churchill	Sudan, Port Sudan	2100	35,200	0	0	0
MB, Churchill	Turkey, not specified	2100	26,150	0	0	0

NL, Nain	Italy, Marina di Carrara	10020	3,970	0	0	0
QC, Deception Bay	Belgium, Antwerp	20252	0	0	3,508	0
QC, Deception Bay	Belgium, Antwerp	20269	0	0	1,470	0
QC, Deception Bay	Belgium, Antwerp	20293	0	0	2,008	0
	Total cargo volumes		592,964	0	6,986	0

Appendix 3.6. Annual cargo movements between Canadian temperate ports and international coldwater ports between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo volumes are reported in tonnes.

1997	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Howe Sound	U.S., Valdez, AK	25020	0	0	39,467	0
BC, Vancouver	U.S., Kenai, AK	17100	0	0	9,733	0
BC, Vancouver	U.S., Kenai, AK	22020	1,000	0	0	0
BC, Vancouver	Greenland, not specified	42390	0	0	0	2
BC, Vancouver	Russia, Okhotsk	4120	0	0	51	0
BC, Vancouver	U.S., Valdez, AK	25020	0	0	85,440	0
NB, Bayside	Russia, Okhotsk	5201	0	0	1,675	0
NB, Bayside	Russia, Okhotsk	25202	0	0	26,817	0
NB, Saint John	Iceland, Reykjavik	5320	0	0	1,822	0
NL, Argentia	Denmark, Faroes	30399	0	0	0	10
NL, Argentia	Denmark, Faroes	33993	0	0	0	5
NL, Argentia	Denmark, Faroes	42390	0	0	0	3
NL, Argentia	Russia, Murmansk	25202	270	0	696	0
NL, Argentia	Iceland, not specified	25202	0	0	413	12
NL, Argentia	Iceland, not specified	5203	0	0	237	50
NL, Argentia	Iceland, not specified	34520	0	0	0	1
NL, Argentia	Iceland, not specified	34999	0	0	0	3
NL, Argentia	Iceland, not specified	42390	0	0	0	4
NL, Argentia	Iceland, Reykjavik	4120	0	0	0	24
NL, Argentia	Iceland, Reykjavik	4199	0	0	0	4
NL, Argentia	Iceland, Reykjavik	4290	0	60	0	0
NL, Argentia	Iceland, Reykjavik	5112	0	0	0	2
NL, Argentia	Iceland, Reykjavik	5201	17	912	0	99
NL, Argentia	Iceland, Reykjavik	25202	64	3,256	141	3,148
NL, Argentia	Iceland, Reykjavik	5203	0	48	0	433
NL, Argentia	Iceland, Reykjavik	25204	1,170	20,093	5	1,125
NL, Argentia	Iceland, Reykjavik	5310	21	0	0	2
NL, Argentia	Iceland, Reykjavik	5320	0	175	0	2
NL, Argentia	Iceland, Reykjavik	6432	0	1	0	28
NL, Argentia	Iceland, Reykjavik	7210	0	19	0	0
NL, Argentia	Iceland, Reykjavik	7239	0	121	0	0
NL, Argentia	Iceland, Reykjavik	7720	0	0	0	21
NL, Argentia	Iceland, Reykjavik	8100	0	0	0	62
NL, Argentia	Iceland, Reykjavik	8200	0	1	0	10
NL, Argentia	Iceland, Reykjavik	13109	0	0	0	110
NL, Argentia	Iceland, Reykjavik	13921	0	0	0	13
NL, Argentia	Iceland, Reykjavik	19100	0	0	0	14
NL, Argentia	Iceland, Reykjavik	19990	0	0	0	17
NL, Argentia	Iceland, Reykjavik	20502	0	0	0	0
NL, Argentia	Iceland, Reykjavik	20509	0	0	0	218
NL, Argentia	Iceland, Reykjavik	23110	0	0	0	1
NL, Argentia	Iceland, Reykjavik	23300	0	0	0	7
NL, Argentia	Iceland, Reykjavik	23901	0	0	0	1
NL, Argentia	Iceland, Reykjavik	23909	0	0	0	1
NL, Argentia	Iceland, Reykjavik	24101	0	0	0	4
NL, Argentia	Iceland, Reykjavik	24213	0	0	0	4
NL, Argentia	Iceland, Reykjavik	24221	0	0	0	6
NL, Argentia	Iceland, Reykjavik	24222	0	0	0	6
NL, Argentia	Iceland, Reykjavik	24224	0	0	0	17
NL, Argentia	Iceland, Reykjavik	24399	0	0	0	7
NL, Argentia	Iceland, Reykjavik	26901	0	0	0	106

NL, Argentia	Iceland, Reykjavik	26909	0	0	0	0
NL, Argentia	Iceland, Reykjavik	27420	0	40	0	0
NL, Argentia	Iceland, Reykjavik	28029	11	627	15	1,052
NL, Argentia	Iceland, Reykjavik	28099	0	0	0	4
NL, Argentia	Iceland, Reykjavik	30329	0	0	0	53
NL, Argentia	Iceland, Reykjavik	30330	0	1	0	0
NL, Argentia	Iceland, Reykjavik	30399	0	0	0	85
NL, Argentia	Iceland, Reykjavik	30400	0	0	0	7
NL, Argentia	Iceland, Reykjavik	32200	0	0	0	1
NL, Argentia	Iceland, Reykjavik	32300	0	20	0	12
NL, Argentia	Iceland, Reykjavik	33111	0	4	3	19
NL, Argentia	Iceland, Reykjavik	33121	0	1	0	15
NL, Argentia	Iceland, Reykjavik	33209	0	0	0	74
NL, Argentia	Iceland, Reykjavik	33310	0	0	0	11
NL, Argentia	Iceland, Reykjavik	33321	0	0	0	20
NL, Argentia	Iceland, Reykjavik	33991	0	0	0	9
NL, Argentia	Iceland, Reykjavik	33992	0	1	0	1
NL, Argentia	Iceland, Reykjavik	33993	0	4	0	82
NL, Argentia	Iceland, Reykjavik	33999	0	76	0	126
NL, Argentia	Iceland, Reykjavik	34120	0	0	0	0
NL, Argentia	Iceland, Reykjavik	34130	0	1	0	0
NL, Argentia	Iceland, Reykjavik	34211	0	0	0	7
NL, Argentia	Iceland, Reykjavik	34320	0	0	0	130
NL, Argentia	Iceland, Reykjavik	34330	0	1	0	29
NL, Argentia	Iceland, Reykjavik	34519	0	0	0	48
NL, Argentia	Iceland, Reykjavik	34520	0	0	0	36
NL, Argentia	Iceland, Reykjavik	34999	4	44	0	112
NL, Argentia	Iceland, Reykjavik	35120	0	14	0	0
NL, Argentia	Iceland, Reykjavik	35994	0	0	0	7
NL, Argentia	Iceland, Reykjavik	35999	0	43	0	2
NL, Argentia	Iceland, Reykjavik	36101	0	66	0	3
NL, Argentia	Iceland, Reykjavik	36210	0	6	0	59
NL, Argentia	Iceland, Reykjavik	36359	0	2	0	0
NL, Argentia	Iceland, Reykjavik	36409	0	1	0	7
NL, Argentia	Iceland, Reykjavik	37102	0	10	0	2
NL, Argentia	Iceland, Reykjavik	37310	0	0	0	64
NL, Argentia	Iceland, Reykjavik	38109	0	16	0	0
NL, Argentia	Iceland, Reykjavik	39011	0	6	0	0
NL, Argentia	Iceland, Reykjavik	39019	0	4	0	28
NL, Argentia	Iceland, Reykjavik	39030	0	0	0	18
NL, Argentia	Iceland, Reykjavik	40220	0	184	2	372
NL, Argentia	Iceland, Reykjavik	42390	0	232	0	245
NL, Argentia	Norway, Tromso	25202	56	0	850	0
NL, Argentia	Norway, Tromso	25204	0	0	0	72
NL, Botwood	Iceland, not specified	25202	736	0	0	0
NL, Come-By-Chance	Greenland, not specified	18000	8,302	0	0	0
NL, Corner Brook	Russia, Murmansk	4290	945	0	0	0
NL, Corner Brook	Russia, Murmansk	25202	1,042	0	0	0
NL, Corner Brook	Denmark, Torshavn	5201	0	0	1,040	0
NL, Harbour Grace	Denmark, Faroes	25204	659	0	0	0
NL, Harbour Grace	Russia, Murmansk	25202	0	0	1,448	0
NL, Harbour Grace	Greenland, not specified	5320	301	0	0	0
NL, Harbour Grace	Greenland, not specified	25204	0	0	19	0
NL, Harbour Grace	Iceland, not specified	25202	929	0	0	0
NL, Harbour Grace	Iceland, not specified	25204	1,211	0	0	0
NL, Harbour Grace	Iceland, not specified	33321	1	0	0	0
NL, Harbour Grace	Iceland, Reykjavik	25204	0	506	0	0
NL, Harbour Grace	Iceland, Reykjavik	42390	0	1,361	0	0
NL, Harbour Grace	Norway, Tromso	5201	0	0	22	0
NS, Port Hawkesbury	Iceland, Reykjavik	25202	298	0	0	0

NS, Port Hawkesbury	Norway, Tromso	25202	92	0	2,303	0
NS, Port Hawkesbury	Norway, Tromso	25204	834	0	0	0
NS, Sheet Harbour	Iceland, not specified	4120	0	0	2,687	0
NS, Sheet Harbour	Iceland, not specified	25204	0	0	1	0
NS, Sheet Harbour	Iceland, not specified	26212	14	0	0	0
NS, Sheet Harbour	Iceland, not specified	26901	10	0	0	0
NS, Sheet Harbour	Iceland, not specified	36101	17	0	0	0
NS, Sheet Harbour	Iceland, not specified	41210	13	0	0	0
NS, Shelburne	Denmark, Faroes	25202	0	0	0	24
NS, Shelburne	Denmark, Faroes	33340	0	10	0	0
NS, Shelburne	Iceland, Dalvik	40220	0	0	0	2
NS, Shelburne	Iceland, Keflavik	25202	0	0	0	5
NS, Shelburne	Russia, Murmansk	25202	0	0	1,771	0
NS, Shelburne	Iceland, not specified	25202	0	0	0	77
NS, Shelburne	Iceland, not specified	26901	18	18	0	0
NS, Shelburne	Iceland, not specified	33999	0	0	0	1
NS, Shelburne	Iceland, not specified	36101	4	7	0	0
NS, Shelburne	Iceland, Reykjavik	3100	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	4199	0	0	24	280
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	602
NS, Shelburne	Iceland, Reykjavik	25202	0	119	0	4,908
NS, Shelburne	Iceland, Reykjavik	5203	0	58	0	3,318
NS, Shelburne	Iceland, Reykjavik	25204	0	138	0	6
NS, Shelburne	Iceland, Reykjavik	5310	0	81	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	6100	0	420	0	0
NS, Shelburne	Iceland, Reykjavik	6399	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	7210	0	508	0	0
NS, Shelburne	Iceland, Reykjavik	7239	0	40	0	0
NS, Shelburne	Iceland, Reykjavik	7509	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7719	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7799	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	33	0	0
NS, Shelburne	Iceland, Reykjavik	8200	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	13109	0	0	0	13
NS, Shelburne	Iceland, Reykjavik	18000	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	19100	0	5	0	248
NS, Shelburne	Iceland, Reykjavik	20509	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	129	0	0
NS, Shelburne	Iceland, Reykjavik	24225	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	24310	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	11	0	0
NS, Shelburne	Iceland, Reykjavik	26221	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	26401	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	27312	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	27320	244	221	0	0
NS, Shelburne	Iceland, Reykjavik	27410	0	24	0	0
NS, Shelburne	Iceland, Reykjavik	28010	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	28029	11	489	0	110
NS, Shelburne	Iceland, Reykjavik	28099	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	5
NS, Shelburne	Iceland, Reykjavik	30329	0	21	0	0
NS, Shelburne	Iceland, Reykjavik	30399	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30400	0	0	0	4
NS, Shelburne	Iceland, Reykjavik	33111	0	15	0	0
NS, Shelburne	Iceland, Reykjavik	33209	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	33321	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	33340	0	72	0	0

NS, Shelburne	Iceland, Reykjavik	33993	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	33999	0	80	0	25
NS, Shelburne	Iceland, Reykjavik	34320	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	34421	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34519	0	41	0	0
NS, Shelburne	Iceland, Reykjavik	34520	0	32	0	2
NS, Shelburne	Iceland, Reykjavik	34930	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34940	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	34999	0	42	0	49
NS, Shelburne	Iceland, Reykjavik	35120	0	1	0	12
NS, Shelburne	Iceland, Reykjavik	35400	0	1	0	1
NS, Shelburne	Iceland, Reykjavik	35911	0	0	0	0
NS, Shelburne	Iceland, Reykjavik	36101	0	322	0	2
NS, Shelburne	Iceland, Reykjavik	36210	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	36409	0	24	0	0
NS, Shelburne	Iceland, Reykjavik	37310	0	0	0	9
NS, Shelburne	Iceland, Reykjavik	38109	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	39011	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	39019	0	10	0	1
NS, Shelburne	Iceland, Reykjavik	39021	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	40120	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	40210	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40220	0	66	0	116
NS, Shelburne	Iceland, Reykjavik	40920	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	41110	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	42390	0	63	0	304
NS, Yarmouth	Iceland, Reykjavik	25202	0	0	4,082	0
NS, Yarmouth	Iceland, Reykjavik	5203	0	0	739	0
NS, Yarmouth	Iceland, Reykjavik	5320	0	0	6	0
NS, Yarmouth	Iceland, Reykjavik	42390	0	0	16	0
NS, Yarmouth	Norway, Tromso	25202	1	0	0	0
NS, Yarmouth	Norway, Tromso	34999	4	0	0	0
NS, Yarmouth	Norway, Tromso	36359	1	0	0	0
QC, Baie-Comeau	Iceland, not specified	2100	5,252	0	0	0
QC, Baie-Comeau	Iceland, not specified	2200	1,304	0	0	0
QC, Cote-Ste-Catherine	Greenland, Thule	42390	207	0	0	0
QC, Gaspe	Russia, Murmansk	25202	326	0	0	0
QC, Sept-Iles	Iceland, not specified	14100	44,769	0	0	0
QC, Sorel	Russia, Murmansk	32200	0	0	8,903	0
	Total cargo volumes		70,158	31,208	190,428	18,524

1998	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	Russia, Petropavlovsk	5320	0	0	0	25
BC, Howe Sound	U.S., Anchorage, AK	27120	0	0	1,390	0
BC, Howe Sound	U.S., Cordova, AK	25020	0	0	5,426	0
BC, Vancouver	U.S., Anchorage, AK	13109	1,849	0	0	0
BC, Vancouver	U.S., Anchorage, AK	14993	0	0	16,392	0
BC, Vancouver	U.S., Anchorage, AK	14994	0	0	304,993	0
BC, Vancouver	U.S., Anchorage, AK	25020	0	0	13,431	0
BC, Vancouver	U.S., Anchorage, AK	35994	40	0	0	0
BC, Vancouver	U.S., Dutch Harbour, AK	18000	11,233	0	0	0
BC, Vancouver	U.S., Dutch Harbour, AK	33209	0	0	1,010	0
BC, Vancouver	Iceland, not specified	26320	0	75	0	0
BC, Vancouver	Iceland, not specified	38109	0	17	0	0
BC, Vancouver	Russia, Petropavlovsk	26401	0	803	0	0
BC, Vancouver	Russia, Petropavlovsk	31993	0	157	0	0
BC, Vancouver	Russia, Petropavlovsk	33209	0	14	0	0

BC, Vancouver	Russia, Petropavlovsk	34221	0	77	0	0
BC, Vancouver	U.S., Valdez, AK	25020	0	0	5,291	0
BC, Victoria	U.S., Anchorage, AK	13992	20,600	0	24,600	0
NB, Bayside	Russia, Okhotsk	5202	0	0	17,497	0
NB, Saint John	Iceland, not specified	4290	0	0	6,102	0
NB, Saint John	Iceland, not specified	5320	0	0	2,348	0
NL, Argentia	Russia, Murmansk	5202	0	0	2,580	0
NL, Argentia	Iceland, not specified	5202	450	0	189	0
NL, Argentia	Iceland, Reykjavik	3100	0	19	0	0
NL, Argentia	Iceland, Reykjavik	3219	0	49	0	0
NL, Argentia	Iceland, Reykjavik	4120	0	0	0	22
NL, Argentia	Iceland, Reykjavik	4290	0	49	1	23
NL, Argentia	Iceland, Reykjavik	5130	0	0	0	23
NL, Argentia	Iceland, Reykjavik	5201	0	593	0	196
NL, Argentia	Iceland, Reykjavik	5202	0	1,898	0	765
NL, Argentia	Iceland, Reykjavik	5203	0	647	0	258
NL, Argentia	Iceland, Reykjavik	5204	1	19,269	2	2,041
NL, Argentia	Iceland, Reykjavik	5310	0	83	0	23
NL, Argentia	Iceland, Reykjavik	5320	0	346	0	84
NL, Argentia	Iceland, Reykjavik	7210	0	19	0	0
NL, Argentia	Iceland, Reykjavik	7239	0	361	0	41
NL, Argentia	Iceland, Reykjavik	7720	0	0	0	4
NL, Argentia	Iceland, Reykjavik	8100	0	0	0	25
NL, Argentia	Iceland, Reykjavik	8200	0	0	0	42
NL, Argentia	Iceland, Reykjavik	13109	0	0	0	305
NL, Argentia	Iceland, Reykjavik	20509	0	0	0	1
NL, Argentia	Iceland, Reykjavik	23110	0	0	0	3
NL, Argentia	Iceland, Reykjavik	23300	0	0	0	5
NL, Argentia	Iceland, Reykjavik	24213	0	0	1	0
NL, Argentia	Iceland, Reykjavik	24224	1	0	1	15
NL, Argentia	Iceland, Reykjavik	24225	0	4	0	0
NL, Argentia	Iceland, Reykjavik	24399	0	0	1	11
NL, Argentia	Iceland, Reykjavik	26401	0	0	0	8
NL, Argentia	Iceland, Reykjavik	26901	0	0	0	20
NL, Argentia	Iceland, Reykjavik	27410	0	633	0	0
NL, Argentia	Iceland, Reykjavik	28029	0	433	44	834
NL, Argentia	Iceland, Reykjavik	30200	0	0	1	0
NL, Argentia	Iceland, Reykjavik	30399	0	0	3	43
NL, Argentia	Iceland, Reykjavik	32200	0	0	0	15
NL, Argentia	Iceland, Reykjavik	32300	0	0	31	62
NL, Argentia	Iceland, Reykjavik	32423	0	0	0	7
NL, Argentia	Iceland, Reykjavik	32499	0	0	0	1
NL, Argentia	Iceland, Reykjavik	33111	0	3	49	282
NL, Argentia	Iceland, Reykjavik	33121	0	0	2	28
NL, Argentia	Iceland, Reykjavik	33209	0	0	8	189
NL, Argentia	Iceland, Reykjavik	33310	0	0	0	1
NL, Argentia	Iceland, Reykjavik	33321	0	0	0	8
NL, Argentia	Iceland, Reykjavik	33991	0	0	0	15
NL, Argentia	Iceland, Reykjavik	33992	0	0	2	97
NL, Argentia	Iceland, Reykjavik	33993	0	0	11	61
NL, Argentia	Iceland, Reykjavik	33999	0	43	13	270
NL, Argentia	Iceland, Reykjavik	34120	1	4	3	48
NL, Argentia	Iceland, Reykjavik	34130	0	4	0	52
NL, Argentia	Iceland, Reykjavik	34222	0	0	0	1
NL, Argentia	Iceland, Reykjavik	34421	0	3	1	5
NL, Argentia	Iceland, Reykjavik	34519	0	0	0	3
NL, Argentia	Iceland, Reykjavik	34520	0	0	1	204
NL, Argentia	Iceland, Reykjavik	34920	0	0	0	1
NL, Argentia	Iceland, Reykjavik	34999	1	29	2	201
NL, Argentia	Iceland, Reykjavik	35110	0	0	0	4

NL, Argentia	Iceland, Reykjavik	35911	0	15	0	0
NL, Argentia	Iceland, Reykjavik	36101	0	4	0	3
NL, Argentia	Iceland, Reykjavik	36210	0	4	0	27
NL, Argentia	Iceland, Reykjavik	36409	0	0	0	16
NL, Argentia	Iceland, Reykjavik	37310	0	0	5	70
NL, Argentia	Iceland, Reykjavik	39030	0	25	7	28
NL, Argentia	Iceland, Reykjavik	40220	0	11	31	455
NL, Argentia	Iceland, Reykjavik	40999	0	28	0	28
NL, Argentia	Iceland, Reykjavik	42390	0	188	2	336
NL, Argentia	Norway, Tromso	5204	187	0	0	0
NL, Bay Roberts	Denmark, Faroes	5201	0	0	157	0
NL, Bay Roberts	Denmark, Faroes	5204	1,643	0	0	0
NL, Bay Roberts	Russia, Murmansk	5202	0	0	1,545	0
NL, Bay Roberts	Iceland, not specified	5202	0	0	240	0
NL, Bay Roberts	Iceland, not specified	5204	124	0	0	0
NL, Corner Brook	Denmark, Faroes	5202	0	0	802	0
NL, Corner Brook	Iceland, Reykjavik	5202	0	0	1,305	0
NL, Harbour Grace	Iceland, not specified	5204	1,021	0	0	0
NL, Harbour Grace	Iceland, not specified	33999	2	0	0	0
NL, Harbour Grace	Norway, Tromso	5204	465	0	0	0
NL, La Scie	Iceland, not specified	13999	4,604	0	0	0
NS, Halifax	Iceland, not specified	5204	0	9	0	0
NS, Sheet Harbour	Iceland, not specified	4120	0	0	2,002	0
NS, Shelburne	Denmark, Faroes	5202	0	0	493	0
NS, Shelburne	Russia, Murmansk	5202	0	0	670	0
NS, Shelburne	Iceland, Reykjavik	1009	0	0	0	8
NS, Shelburne	Iceland, Reykjavik	4199	0	0	0	246
NS, Shelburne	Iceland, Reykjavik	4290	0	0	0	68
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	58
NS, Shelburne	Iceland, Reykjavik	5202	0	125	0	3,166
NS, Shelburne	Iceland, Reykjavik	5203	0	112	0	3,662
NS, Shelburne	Iceland, Reykjavik	5204	0	129	0	7
NS, Shelburne	Iceland, Reykjavik	5310	54	281	0	104
NS, Shelburne	Iceland, Reykjavik	5320	0	44	0	18
NS, Shelburne	Iceland, Reykjavik	6100	0	172	0	0
NS, Shelburne	Iceland, Reykjavik	6399	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7210	19	636	0	0
NS, Shelburne	Iceland, Reykjavik	7509	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	7611	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	11	0	1
NS, Shelburne	Iceland, Reykjavik	11010	0	84	0	0
NS, Shelburne	Iceland, Reykjavik	13929	0	31	0	0
NS, Shelburne	Iceland, Reykjavik	20509	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	24101	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	24224	0	1	0	1
NS, Shelburne	Iceland, Reykjavik	24310	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	25020	0	16	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	93	0	0
NS, Shelburne	Iceland, Reykjavik	26401	1	3	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	34	0	2
NS, Shelburne	Iceland, Reykjavik	28010	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	28029	19	274	0	91
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	7
NS, Shelburne	Iceland, Reykjavik	30329	0	18	0	0
NS, Shelburne	Iceland, Reykjavik	30399	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	31310	0	14	0	0
NS, Shelburne	Iceland, Reykjavik	31399	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	33340	0	3	0	0

NS, Shelburne	Iceland, Reykjavik	33999	1	99	0	23
NS, Shelburne	Iceland, Reykjavik	34130	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34330	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	34520	0	28	0	40
NS, Shelburne	Iceland, Reykjavik	34930	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34999	0	64	0	0
NS, Shelburne	Iceland, Reykjavik	35920	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	36101	19	230	0	3
NS, Shelburne	Iceland, Reykjavik	36210	2	58	0	0
NS, Shelburne	Iceland, Reykjavik	36330	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	36340	5	6	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	36409	3	22	0	0
NS, Shelburne	Iceland, Reykjavik	37310	0	94	0	34
NS, Shelburne	Iceland, Reykjavik	39019	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	40120	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40220	0	18	0	60
NS, Shelburne	Iceland, Reykjavik	40999	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	42390	0	123	0	87
NS,Yarmouth	Iceland, Reykjavik	5202	0	0	140	0
NS,Yarmouth	Iceland, Reykjavik	5201	0	0	35	0
NS,Yarmouth	Iceland, Reykjavik	5202	0	0	271	0
NS,Yarmouth	Norway, Tromso	5202	0	0	386	105
NS,Yarmouth	Norway, Tromso	5203	0	0	317	0
NS,Yarmouth	Norway, Tromso	5320	0	0	1	0
NS,Yarmouth	Norway, Tromso	37310	0	0	0	18
QC, Cote-Ste-Catherine	Greenland, Thule	42390	238	0	0	0
QC, Gaspe	Russia, Murmansk	5202	0	0	341	0
QC, Montreal	Iceland, not specified	42390	0	243	0	0
QC, Quebec	Russia, Murmansk	27200	0	0	2,479	0
QC, Sept-Iles	Iceland, not specified	14100	22,048	0	0	0
QC, Trois-Rivieres	U.S., Kenai, AK	22020	0	0	6,700	0
	Total cargo volumes		64,631	29,160	419,355	15,149

1999	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	Iceland, not specified	26212	60	0	0	0
BC, Vancouver	U.S., Anchorage, AK	14993	0	0	5,350	0
BC, Vancouver	U.S., Anchorage, AK	14994	0	0	139,001	0
BC, Vancouver	U.S., Dutch Harbour, AK	1009	0	0	123	0
BC, Vancouver	U.S., Dutch Harbour, AK	4192	0	0	15	0
BC, Vancouver	Iceland, not specified	3221	0	426	0	0
BC, Victoria	U.S., Anchorage, AK	13992	0	0	17,000	0
NB, Bayside	Russia, Okhotsk	5202	0	0	15,427	0
NB, Bayside	Greenland, Thule	11010	4,313	0	0	0
NB, Bayside	Greenland, Thule	12020	3,715	0	0	0
NB, Bayside	Greenland, Thule	28029	200	0	0	0
NB, Saint John	Iceland, not specified	4290	0	0	13,410	0
NB, Saint John	Iceland, not specified	5320	0	0	5,641	0
NL, Agrentia	Denmark, Faroes	5202	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	5204	140	0	0	0
NL, Agrentia	Iceland, Reykjavik	4199	0	0	0	26
NL, Agrentia	Iceland, Reykjavik	4290	0	0	0	14
NL, Agrentia	Iceland, Reykjavik	5203	0	0	0	32
NL, Agrentia	Iceland, Reykjavik	7799	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	7891	0	0	0	20
NL, Agrentia	Iceland, Reykjavik	8100	0	0	0	13
NL, Agrentia	Iceland, Reykjavik	8200	0	0	0	8
NL, Agrentia	Iceland, Reykjavik	13109	0	0	0	69

NL, Agrentia	Iceland, Reykjavik	20269	0	0	0	26
NL, Agrentia	Iceland, Reykjavik	23300	0	0	0	10
NL, Agrentia	Iceland, Reykjavik	23901	0	0	0	24
NL, Agrentia	Iceland, Reykjavik	24213	0	0	0	5
NL, Agrentia	Iceland, Reykjavik	24399	0	0	0	5
NL, Agrentia	Iceland, Reykjavik	26212	0	0	0	12
NL, Agrentia	Iceland, Reykjavik	26401	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	26901	0	0	0	13
NL, Agrentia	Iceland, Reykjavik	27420	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	28099	0	0	0	9
NL, Agrentia	Iceland, Reykjavik	30200	0	0	0	6
NL, Agrentia	Iceland, Reykjavik	31392	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	31399	0	0	0	17
NL, Agrentia	Iceland, Reykjavik	32300	0	0	0	52
NL, Agrentia	Iceland, Reykjavik	33310	0	0	0	3
NL, Agrentia	Iceland, Reykjavik	33321	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	33991	0	0	0	5
NL, Agrentia	Iceland, Reykjavik	33993	0	0	0	221
NL, Agrentia	Iceland, Reykjavik	34211	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	34221	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34421	0	0	0	11
NL, Agrentia	Iceland, Reykjavik	34519	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	34910	0	0	0	8
NL, Agrentia	Iceland, Reykjavik	34930	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34940	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34960	0	0	0	11
NL, Agrentia	Iceland, Reykjavik	34971	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34991	0	0	0	9
NL, Agrentia	Iceland, Reykjavik	35520	0	0	0	3
NL, Agrentia	Iceland, Reykjavik	35994	0	0	0	6
NL, Agrentia	Iceland, Reykjavik	36360	0	0	0	98
NL, Agrentia	Iceland, Reykjavik	37310	0	0	0	155
NL, Agrentia	Iceland, Reykjavik	39019	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	39030	0	0	0	45
NL, Agrentia	Iceland, Reykjavik	40995	0	0	0	9
NL, Agrentia	Iceland, Reykjavik	40999	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	5201	24	1,759	0	35
NL, Agrentia	Iceland, Reykjavik	5202	38	1,681	0	560
NL, Agrentia	Iceland, Reykjavik	5204	1,473	18,776	155	821
NL, Agrentia	Iceland, Reykjavik	5310	0	19	0	19
NL, Agrentia	Iceland, Reykjavik	5320	107	214	0	102
NL, Agrentia	Iceland, Reykjavik	33111	6	1	0	157
NL, Agrentia	Iceland, Reykjavik	33121	0	3	0	22
NL, Agrentia	Iceland, Reykjavik	32200	0	20	0	144
NL, Agrentia	Iceland, Reykjavik	26909	0	1	0	18
NL, Agrentia	Iceland, Reykjavik	28029	27	342	0	1,069
NL, Agrentia	Iceland, Reykjavik	24224	0	8	0	37
NL, Agrentia	Iceland, Reykjavik	20509	0	7	0	8
NL, Agrentia	Iceland, Reykjavik	42390	10	175	0	96
NL, Agrentia	Iceland, Reykjavik	40220	0	33	0	815
NL, Agrentia	Iceland, Reykjavik	30399	0	10	0	23
NL, Agrentia	Iceland, Reykjavik	33999	0	25	0	451
NL, Agrentia	Iceland, Reykjavik	34520	0	23	0	618
NL, Agrentia	Iceland, Reykjavik	34999	0	26	0	568
NL, Agrentia	Iceland, Reykjavik	34310	0	1	0	6
NL, Agrentia	Iceland, Reykjavik	33992	0	2	0	1
NL, Agrentia	Iceland, Reykjavik	35110	0	6	0	17
NL, Agrentia	Iceland, Reykjavik	35999	7	1	0	35
NL, Agrentia	Iceland, Reykjavik	36101	0	4	0	2
NL, Agrentia	Iceland, Reykjavik	36409	0	11	0	3

NL, Agrentia	Iceland, Reykjavik	38109	0	9	0	1
NL, Agrentia	Iceland, Reykjavik	3329	0	76	0	0
NL, Agrentia	Iceland, Reykjavik	7239	0	72	0	0
NL, Agrentia	Iceland, Reykjavik	33209	0	1	0	0
NL, Agrentia	Iceland, Reykjavik	35911	0	2	0	0
NL, Agrentia	Iceland, Reykjavik	34920	0	3	0	0
NL, Agrentia	Iceland, Reykjavik	34994	0	4	0	0
NL, Bay Roberts	Denmark, Faroes	5201	0	0	149	0
NL, Bay Roberts	Denmark, Faroes	19100	0	0	2	0
NL, Bay Roberts	Denmark, Faroes	23300	0	0	3	0
NL, Bay Roberts	Denmark, Faroes	28029	0	0	4	0
NL, Bay Roberts	Denmark, Faroes	30399	0	0	5	0
NL, Bay Roberts	Denmark, Faroes	33999	0	0	2	0
NL, Bay Roberts	Denmark, Faroes	34940	0	0	1	0
NL, Bay Roberts	Denmark, Faroes	35999	0	0	1	0
NL, Bay Roberts	Denmark, Faroes	37310	0	0	1	0
NL, Bay Roberts	Denmark, Faroes	40220	0	0	38	0
NL, Bay Roberts	Denmark, Faroes	5204	1,944	0	1	0
NL, Bay Roberts	Denmark, Faroes	42390	2	0	0	0
NL, Bay Roberts	Russia, Murmansk	5202	0	0	1,385	0
NL, Bay Roberts	Greenland, not specified	5202	0	0	163	0
NL, Bay Roberts	Iceland, not specified	5204	117	0	220	0
NL, Bay Roberts	Denmark, Torshavn	5201	0	0	273	0
NL, Bay Roberts	Denmark, Torshavn	5320	0	0	5	0
NL, Bay Roberts	Denmark, Torshavn	23300	0	0	2	0
NL, Bay Roberts	Denmark, Torshavn	28029	0	0	3	0
NL, Bay Roberts	Denmark, Torshavn	30399	0	0	3	0
NL, Bay Roberts	Denmark, Torshavn	33999	0	0	2	0
NL, Bay Roberts	Denmark, Torshavn	40220	0	0	22	0
NL, Corner Brook	Iceland, not specified	5202	0	0	1,889	0
NL, Harbour Grace	Iceland, not specified	5204	2,526	0	138	0
NL, Harbour Grace	Iceland, Reykjavik	5204	0	0	300	0
NL, Harbour Grace	Norway, Tromso	5202	0	0	306	0
NS, Halifax	Iceland, Husavik	30200	0	0	0	15
NS, Halifax	Iceland, Reykjavik	4199	0	25	0	0
NS, Port Hawkesbury	Iceland, Isafjordur	5202	0	0	198	0
NS, Port Hawkesbury	Norway, Tromso	5204	0	0	29	0
NS, Sheet Harbour	Iceland, Reykjavik	36101	9	0	0	0
NS, Sheet Harbour	Iceland, Reykjavik	36210	5	0	0	0
NS, Shelburne	Iceland, not specified	5203	0	22	0	0
NS, Shelburne	Iceland, not specified	26212	0	3	0	0
NS, Shelburne	Iceland, not specified	36210	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	4199	0	0	0	237
NS, Shelburne	Iceland, Reykjavik	4290	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	464
NS, Shelburne	Iceland, Reykjavik	7410	0	0	0	13
NS, Shelburne	Iceland, Reykjavik	30110	0	0	0	9
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	5
NS, Shelburne	Iceland, Reykjavik	30399	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	31392	0	0	0	4
NS, Shelburne	Iceland, Reykjavik	31911	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	34991	0	0	0	9
NS, Shelburne	Iceland, Reykjavik	38210	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	40220	0	0	0	74
NS, Shelburne	Iceland, Reykjavik	5202	0	330	0	1,982
NS, Shelburne	Iceland, Reykjavik	5203	22	122	0	4,243
NS, Shelburne	Iceland, Reykjavik	5204	0	23	0	49
NS, Shelburne	Iceland, Reykjavik	5310	2	337	0	8
NS, Shelburne	Iceland, Reykjavik	37310	0	1	0	9
NS, Shelburne	Iceland, Reykjavik	36360	40	10	0	5

NS, Shelburne	Iceland, Reykjavik	38109	0	68	0	12
NS, Shelburne	Iceland, Reykjavik	40920	0	71	0	3
NS, Shelburne	Iceland, Reykjavik	42390	0	25	0	7
NS, Shelburne	Iceland, Reykjavik	34999	13	77	0	18
NS, Shelburne	Iceland, Reykjavik	34520	0	19	0	4
NS, Shelburne	Iceland, Reykjavik	33340	0	56	0	19
NS, Shelburne	Iceland, Reykjavik	33999	0	10	0	9
NS, Shelburne	Iceland, Reykjavik	32423	0	2	0	2
NS, Shelburne	Iceland, Reykjavik	28029	2	144	0	171
NS, Shelburne	Iceland, Reykjavik	20269	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	23904	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	24310	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	25020	0	71	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	98	0	0
NS, Shelburne	Iceland, Reykjavik	26221	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	7509	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	64	0	0
NS, Shelburne	Iceland, Reykjavik	12020	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	19100	0	106	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	23	0	3
NS, Shelburne	Iceland, Reykjavik	27200	0	526	0	0
NS, Shelburne	Iceland, Reykjavik	27320	0	23	0	0
NS, Shelburne	Iceland, Reykjavik	28010	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	34130	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34421	0	60	0	0
NS, Shelburne	Iceland, Reykjavik	34519	0	103	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	28	0	0
NS, Shelburne	Iceland, Reykjavik	6100	0	66	0	0
NS, Shelburne	Iceland, Reykjavik	6399	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7210	56	538	0	0
NS, Shelburne	Iceland, Reykjavik	7242	4	0	0	0
NS, Shelburne	Iceland, Reykjavik	35999	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	36101	0	355	0	0
NS, Shelburne	Iceland, Reykjavik	36210	3	171	0	0
NS, Shelburne	Iceland, Reykjavik	36310	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	36330	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	36359	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	35110	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	35400	1	0	0	0
NS, Shelburne	Iceland, Reykjavik	35912	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	39011	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	39019	2	25	0	0
NS, Shelburne	Iceland, Reykjavik	39030	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40120	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	36409	0	16	0	0
NS, Shelburne	Iceland, Reykjavik	31229	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	31299	0	33	0	0
NS, Shelburne	Iceland, Reykjavik	32300	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	33111	0	33	0	0
NS, Shelburne	Iceland, Reykjavik	34940	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	40999	0	59	0	0
NS, Yarmouth	Iceland, Isafjordur	5202	0	0	36	0
NS, Yarmouth	Iceland, Isafjordur	35520	0	0	2	0
NS, Yarmouth	Norway, Tromso	5201	0	0	96	0
NS, Yarmouth	Norway, Tromso	5202	0	0	766	0
NS, Yarmouth	Norway, Tromso	5203	0	0	101	0
QC, Cote-Ste-Catherine	Greenland, Thule	42390	218	0	0	0
	Total cargo volumes		15,087	27,620	202,268	13,977

2000	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	Iceland, Reykjavik	40920	0	51	0	0
BC, Fraser River	Iceland, not specified	26212	14	0	0	0
BC, Prince Rupert	U.S., Kodiak, AK	5201	0	0	9	0
BC, Prince Rupert	U.S., Seward, AK	5201	0	0	9	0
BC, Vancouver	Russia, Murmansk	5204	0	0	198	0
BC, Vancouver	Russia, Murmansk	13200	0	0	149,376	0
BC, Vancouver	Russia, Murmansk	26401	0	25	0	0
BC, Vancouver	U.S., Anchorage, AK	13109	5,806	0	0	0
BC, Vancouver	U.S., Anchorage, AK	17200	0	0	100	0
BC, Victoria	Russia, Petropavlovsk	5201	0	0	613	0
NB, Bayside	Russia, Murmansk	5202	0	0	1,289	0
NB, Bayside	Russia, Okhotsk	5202	0	0	3,967	0
NB, Saint John	Iceland, Akureyri	4120	0	0	4,615	0
NB, Saint John	Iceland, not specified	4120	0	0	4,709	0
NB, Saint John	Iceland, not specified	5320	0	0	2,114	0
NB, Saint John	Iceland, not specified	7410	0	0	2,506	0
NB, Saint John	U.S., Point Lay, AK	3212	0	23	0	0
NB, Saint John	U.S., Point Lay, AK	5310	0	50	0	0
NB, Saint John	U.S., Point Lay, AK	26212	0	24	0	0
NB, Saint John	U.S., Point Lay, AK	32412	0	20	0	0
NL, Argentia	Denmark, Faroes	5201	0	0	0	49
NL, Argentia	Denmark, Faroes	37320	0	0	0	2
NL, Argentia	Denmark, Torshavn	5201	0	0	0	117
NL, Argentia	Denmark, Torshavn	5202	0	0	0	25
NL, Argentia	Denmark, Torshavn	37320	0	0	0	2
NL, Argentia	Iceland, Akureyri	5204	200	0	0	0
NL, Argentia	Iceland, Isafjordur	5204	102	0	0	0
NL, Argentia	Iceland, Reykjavik	1004	0	8	0	0
NL, Argentia	Iceland, Reykjavik	4199	0	4	0	0
NL, Argentia	Iceland, Reykjavik	4290	0	0	0	73
NL, Argentia	Iceland, Reykjavik	5201	0	1,693	0	59
NL, Argentia	Iceland, Reykjavik	5202	0	3,056	0	1,622
NL, Argentia	Iceland, Reykjavik	5203	0	331	0	25
NL, Argentia	Iceland, Reykjavik	5204	806	22,342	0	741
NL, Argentia	Iceland, Reykjavik	5320	0	383	0	26
NL, Argentia	Iceland, Reykjavik	6432	0	0	0	13
NL, Argentia	Iceland, Reykjavik	7239	0	25	0	0
NL, Argentia	Iceland, Reykjavik	7410	0	0	0	4
NL, Argentia	Iceland, Reykjavik	7799	0	2	0	0
NL, Argentia	Iceland, Reykjavik	7819	0	0	1	0
NL, Argentia	Iceland, Reykjavik	7891	0	0	0	105
NL, Argentia	Iceland, Reykjavik	8320	0	2	0	0
NL, Argentia	Iceland, Reykjavik	13109	0	0	0	23
NL, Argentia	Iceland, Reykjavik	18000	0	0	0	17
NL, Argentia	Iceland, Reykjavik	19100	0	7	5	25
NL, Argentia	Iceland, Reykjavik	19990	0	0	0	7
NL, Argentia	Iceland, Reykjavik	20259	0	0	0	1
NL, Argentia	Iceland, Reykjavik	20509	0	20	0	2
NL, Argentia	Iceland, Reykjavik	22039	0	6	0	169
NL, Argentia	Iceland, Reykjavik	23110	0	0	0	1
NL, Argentia	Iceland, Reykjavik	23300	0	3	1	17
NL, Argentia	Iceland, Reykjavik	24213	0	0	0	1
NL, Argentia	Iceland, Reykjavik	24221	0	0	6	10
NL, Argentia	Iceland, Reykjavik	24222	0	0	0	17
NL, Argentia	Iceland, Reykjavik	24223	0	0	1	0
NL, Argentia	Iceland, Reykjavik	24224	0	0	0	24

NL, Agrentia	Iceland, Reykjavik	24229	0	1	3	43
NL, Agrentia	Iceland, Reykjavik	24399	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	26901	0	0	1	17
NL, Agrentia	Iceland, Reykjavik	26909	0	1	0	19
NL, Agrentia	Iceland, Reykjavik	27200	0	225	0	0
NL, Agrentia	Iceland, Reykjavik	28029	0	327	0	1,359
NL, Agrentia	Iceland, Reykjavik	28092	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	29100	0	3	0	0
NL, Agrentia	Iceland, Reykjavik	30130	0	0	0	19
NL, Agrentia	Iceland, Reykjavik	30200	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	30399	0	14	6	134
NL, Agrentia	Iceland, Reykjavik	30503	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	31320	0	5	0	0
NL, Agrentia	Iceland, Reykjavik	31993	0	0	0	17
NL, Agrentia	Iceland, Reykjavik	32200	0	42	6	155
NL, Agrentia	Iceland, Reykjavik	32300	0	0	0	106
NL, Agrentia	Iceland, Reykjavik	33111	0	0	25	50
NL, Agrentia	Iceland, Reykjavik	33112	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	33121	0	0	5	3
NL, Agrentia	Iceland, Reykjavik	33122	0	0	0	5
NL, Agrentia	Iceland, Reykjavik	33201	0	0	0	8
NL, Agrentia	Iceland, Reykjavik	33209	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	33321	0	5	0	12
NL, Agrentia	Iceland, Reykjavik	33340	0	0	0	61
NL, Agrentia	Iceland, Reykjavik	33992	0	2	8	1
NL, Agrentia	Iceland, Reykjavik	33993	0	11	10	228
NL, Agrentia	Iceland, Reykjavik	33999	0	5	27	345
NL, Agrentia	Iceland, Reykjavik	34110	0	3	1	87
NL, Agrentia	Iceland, Reykjavik	34130	0	1	0	0
NL, Agrentia	Iceland, Reykjavik	34211	0	0	5	0
NL, Agrentia	Iceland, Reykjavik	34221	0	0	0	5
NL, Agrentia	Iceland, Reykjavik	34320	0	0	0	34
NL, Agrentia	Iceland, Reykjavik	34421	0	7	0	5
NL, Agrentia	Iceland, Reykjavik	34422	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34519	0	0	0	2
NL, Agrentia	Iceland, Reykjavik	34520	3	20	2	180
NL, Agrentia	Iceland, Reykjavik	34910	0	0	0	9
NL, Agrentia	Iceland, Reykjavik	34960	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	34971	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	34994	0	0	0	20
NL, Agrentia	Iceland, Reykjavik	34999	0	799	3	735
NL, Agrentia	Iceland, Reykjavik	35110	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	35120	0	0	0	84
NL, Agrentia	Iceland, Reykjavik	35220	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	35390	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	35912	0	0	0	7
NL, Agrentia	Iceland, Reykjavik	35991	0	0	0	0
NL, Agrentia	Iceland, Reykjavik	35999	0	0	0	4
NL, Agrentia	Iceland, Reykjavik	36101	0	9	0	0
NL, Agrentia	Iceland, Reykjavik	36360	0	1	0	0
NL, Agrentia	Iceland, Reykjavik	36399	0	2	0	0
NL, Agrentia	Iceland, Reykjavik	36402	0	16	0	0
NL, Agrentia	Iceland, Reykjavik	36404	0	0	7	0
NL, Agrentia	Iceland, Reykjavik	36409	0	0	1	1
NL, Agrentia	Iceland, Reykjavik	37310	0	0	0	10
NL, Agrentia	Iceland, Reykjavik	37320	0	10	1	88
NL, Agrentia	Iceland, Reykjavik	38499	0	0	0	1
NL, Agrentia	Iceland, Reykjavik	39019	0	0	0	34
NL, Agrentia	Iceland, Reykjavik	39030	0	0	2	5
NL, Agrentia	Iceland, Reykjavik	40210	0	0	0	1

NL, Agrentia	Iceland, Reykjavik	40220	2	295	25	1,073
NL, Agrentia	Iceland, Reykjavik	40999	0	70	2	14
NL, Agrentia	Iceland, Reykjavik	42390	0	7	0	435
NL, Agrentia	Russia, Murmansk	5202	0	0	1,550	0
NL, Bay Roberts	Denmark, Faroes	5201	0	0	65	0
NL, Bay Roberts	Denmark, Faroes	5204	1,679	0	0	0
NL, Bay Roberts	Denmark, Faroes	5310	0	0	4	0
NL, Bay Roberts	Denmark, Faroes	26901	0	0	7	0
NL, Bay Roberts	Denmark, Faroes	28029	0	0	49	0
NL, Bay Roberts	Denmark, Faroes	30399	0	0	18	0
NL, Bay Roberts	Denmark, Faroes	32300	0	0	2	0
NL, Bay Roberts	Denmark, Faroes	33993	0	0	11	0
NL, Bay Roberts	Denmark, Faroes	33999	0	0	6	0
NL, Bay Roberts	Denmark, Faroes	37320	0	0	8	0
NL, Bay Roberts	Denmark, Faroes	40220	0	0	7	0
NL, Bay Roberts	Denmark, Faroes	42390	0	0	27	0
NL, Bay Roberts	Iceland, Akureyri	5204	103	0	0	0
NL, Bay Roberts	Iceland, Husavik	5204	331	0	0	0
NL, Bay Roberts	Iceland, not specified	5204	463	0	0	0
NL, Bay Roberts	Iceland, not specified	28029	0	0	3	0
NL, Bay Roberts	Iceland, not specified	30399	0	0	2	0
NL, Bay Roberts	Iceland, Isafjordur	5202	4	0	116	0
NL, Bay Roberts	Iceland, Isafjordur	5204	1,103	0	0	0
NL, Bay Roberts	Iceland, Reykjavik	5202	2,914	0	0	0
NL, Bay Roberts	Iceland, Reykjavik	5204	212	0	0	0
NL, Coley's Point	Iceland, not specified	5202	47	0	0	0
NL, Coley's Point,	Iceland, Reykjavik	40220	0	0	14	0
NL, Corner Brook	Iceland, not specified	5202	0	0	353	0
NL, Harbour Grace	Denmark, Faroes	5204	277	0	0	0
NL, Harbour Grace	Denmark, Faroes	30399	0	0	1	0
NL, Harbour Grace	Iceland, Akureyri	5204	507	0	0	0
NL, Harbour Grace	Iceland, not specified	5204	805	0	0	0
NL, Harbour Grace	Iceland, Isafjordur	5204	1,635	0	172	0
NL, Harbour Grace	Iceland, Reykjavik	5204	421	0	0	0
NL, Harbour Grace	Norway, Tromso	5202	0	0	365	0
NL, St. Anthony	Iceland, not specified	34999	0	0	397	0
NL, St. John's	Iceland, not specified	5201	0	5	0	0
NL, St. John's	Iceland, not specified	5202	0	180	0	0
NL, St. John's	Iceland, not specified	5204	0	1,130	0	0
NL, St. John's	Iceland, not specified	5320	0	43	0	0
NL, St. John's	Iceland, not specified	8200	0	14	0	0
NL, St. John's	Iceland, not specified	24310	0	19	0	0
NL, St. John's	Iceland, not specified	26401	0	37	0	0
NL, St. John's	Iceland, not specified	28029	0	157	0	0
NL, St. John's	Iceland, not specified	30330	0	4	0	0
NL, St. John's	Iceland, not specified	33999	0	3	0	0
NL, St. John's	Iceland, not specified	35400	0	1	0	0
NL, St. John's	Iceland, not specified	36101	0	7	0	0
NL, St. John's	Iceland, not specified	36399	0	8	0	0
NL, St. John's	Iceland, not specified	39011	0	54	0	0
NL, St. John's	Iceland, not specified	42390	0	39	0	0
NL, St. John's	Iceland, Reykjavik	5202	0	0	0	113
NL, St. John's	Iceland, Reykjavik	5204	0	662	0	637
NL, St. John's	Iceland, Reykjavik	5320	0	88	0	0
NL, St. John's	Iceland, Reykjavik	28029	0	0	0	24
NL, St. John's	Iceland, Reykjavik	28099	0	20	0	0
NL, St. John's	Iceland, Reykjavik	30399	0	0	0	4
NL, St. John's	Iceland, Reykjavik	34999	0	0	0	2
NL, St. John's	Iceland, Reykjavik	36101	0	10	0	0
NL, St. John's	Iceland, Reykjavik	39011	0	10	0	0

NL, St. John's	Iceland, Reykjavik	42390	0	385	0	3
NS, Sheet Harbour	Iceland, Reykjavik	33999	5	0	0	0
NS, Sheet Harbour	Iceland, Reykjavik	36101	49	0	0	0
NS, Sheet Harbour	Iceland, Reykjavik	36210	2	0	0	0
NS, Shelburne	Denmark, Faroes	5201	0	0	57	0
NS, Shelburne	Denmark, Faroes	5202	0	0	14	0
NS, Shelburne	Iceland, not specified	5203	0	0	0	52
NS, Shelburne	Iceland, Reykjavik	1004	0	34	0	15
NS, Shelburne	Iceland, Reykjavik	3100	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	3212	0	45	0	0
NS, Shelburne	Iceland, Reykjavik	4130	0	0	0	25
NS, Shelburne	Iceland, Reykjavik	4199	0	6	2	431
NS, Shelburne	Iceland, Reykjavik	4290	0	0	0	30
NS, Shelburne	Iceland, Reykjavik	5122	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	99
NS, Shelburne	Iceland, Reykjavik	5202	0	718	0	4,770
NS, Shelburne	Iceland, Reykjavik	5203	0	96	0	5,717
NS, Shelburne	Iceland, Reykjavik	5204	0	230	0	6
NS, Shelburne	Iceland, Reykjavik	5310	0	94	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	82	0	17
NS, Shelburne	Iceland, Reykjavik	6100	0	194	0	0
NS, Shelburne	Iceland, Reykjavik	6391	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	6431	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7210	0	380	0	0
NS, Shelburne	Iceland, Reykjavik	7239	0	35	0	0
NS, Shelburne	Iceland, Reykjavik	7303	1	3	0	0
NS, Shelburne	Iceland, Reykjavik	7410	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	7509	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	7720	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	7799	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	5	0	2
NS, Shelburne	Iceland, Reykjavik	19100	0	15	0	0
NS, Shelburne	Iceland, Reykjavik	19990	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	23500	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	23904	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	24225	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	24310	0	45	0	0
NS, Shelburne	Iceland, Reykjavik	24391	0	0	0	53
NS, Shelburne	Iceland, Reykjavik	24399	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	25091	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	88	0	0
NS, Shelburne	Iceland, Reykjavik	26221	0	13	0	0
NS, Shelburne	Iceland, Reykjavik	26401	0	166	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	25	0	0
NS, Shelburne	Iceland, Reykjavik	26909	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	28021	0	29	0	0
NS, Shelburne	Iceland, Reykjavik	28029	0	0	0	233
NS, Shelburne	Iceland, Reykjavik	29100	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30120	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	7
NS, Shelburne	Iceland, Reykjavik	30399	0	0	0	22
NS, Shelburne	Iceland, Reykjavik	31399	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	31931	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	31959	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	31993	1	0	0	0
NS, Shelburne	Iceland, Reykjavik	32423	0	17	0	0
NS, Shelburne	Iceland, Reykjavik	33111	0	20	0	0
NS, Shelburne	Iceland, Reykjavik	33201	0	1	0	0

NS, Shelburne	Iceland, Reykjavik	33209	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	33340	0	14	0	1
NS, Shelburne	Iceland, Reykjavik	33999	3	36	2	14
NS, Shelburne	Iceland, Reykjavik	34422	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34511	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	34520	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	34940	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34999	0	29	1	83
NS, Shelburne	Iceland, Reykjavik	35400	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	35911	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	35999	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	36101	14	282	0	19
NS, Shelburne	Iceland, Reykjavik	36210	3	109	0	0
NS, Shelburne	Iceland, Reykjavik	36340	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	36399	0	42	0	0
NS, Shelburne	Iceland, Reykjavik	36409	1	16	0	1
NS, Shelburne	Iceland, Reykjavik	37310	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	37320	0	1	0	64
NS, Shelburne	Iceland, Reykjavik	38320	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	39011	0	24	0	0
NS, Shelburne	Iceland, Reykjavik	39019	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	40220	0	4	0	39
NS, Shelburne	Iceland, Reykjavik	40920	0	271	0	0
NS, Shelburne	Iceland, Reykjavik	40995	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40999	0	3	0	1
NS, Shelburne	Iceland, Reykjavik	42390	0	65	0	423
NS, Yarmouth,	Iceland, Isafjordur	5202	0	0	3	0
NS, Yarmouth,	Iceland, Isafjordur	5203	0	0	467	0
NS, Yarmouth	Norway, Tromso	5203	0	0	157	0
ON, Hamilton	Russia, Murmansk	32300	0	0	18,864	0
ON, Oshawa	Russia, Murmansk	32300	0	0	4,256	0
QC, Gaspe	Russia, Murmansk	5202	0	0	426	0
QC, Montreal	Russia, Murmansk	2909	0	0	0	11
QC, Montreal	Russia, Murmansk	3221	0	192	0	0
QC, Montreal	Russia, Murmansk	5204	0	0	0	18
QC, Montreal	Russia, Murmansk	7799	0	0	0	23
QC, Montreal	Russia, Murmansk	8100	0	0	0	18
QC, Montreal	Russia, Murmansk	14100	0	0	20,778	0
QC, Montreal	Russia, Murmansk	17100	0	0	48,143	0
QC, Montreal	Russia, Murmansk	18000	0	0	37,734	0
QC, Montreal	Russia, Murmansk	22020	0	0	16,413	0
QC, Montreal	Russia, Murmansk	25020	0	0	0	23
QC, Montreal	Russia, Murmansk	26310	0	0	0	77
QC, Montreal	Russia, Murmansk	26330	0	0	0	76
QC, Montreal	Russia, Murmansk	26401	0	8	0	0
QC, Montreal	Russia, Murmansk	31392	0	0	0	12
QC, Montreal	Russia, Murmansk	32102	0	0	15,767	0
QC, Montreal	Russia, Murmansk	32423	0	0	0	20
QC, Montreal	Russia, Murmansk	34221	0	0	0	27
QC, Montreal	Russia, Murmansk	39019	0	0	0	17
QC, Montreal	Russia, Murmansk	40999	0	19	0	0
QC, Montreal	Russia, Murmansk	41130	0	0	0	42
QC, Quebec	Russia, Murmansk	41110	10,200	0	0	0
QC, Sorel	Russia, Murmansk	32101	0	0	3,085	0
QC, Sorel	Russia, Murmansk	32300	0	0	3,967	0
	Total cargo volumes		27,713	36,400	342,972	21,892

2001	International port of	Commodity	Exported from Canada		Imported to Canada	

Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Prince Rupert	U.S., Arctic ports, AK	15100	55,148	0	0	0
BC, Prince Rupert	U.S., Kodiak, AK	5201	0	0	15	0
BC, Vancouver	U.S., Anchorage, AK	13109	11,748	0	0	0
BC, Vancouver	U.S., Anchorage, AK	37210	0	0	38	0
BC, Vancouver	Russia, Murmansk	5112	0	24	0	0
BC, Vancouver	Russia, Murmansk	8100	0	0	0	19
BC, Vancouver	Russia, Murmansk	13200	0	0	40,336	0
BC, Vancouver	Russia, Murmansk	34999	0	8	0	0
BC, Vancouver	Russia, Petropavlovsk	4120	0	0	2	0
BC, Vancouver	Russia, Petropavlovsk	39029	0	8	0	0
BC, Vancouver	Norway, Stavanger	28099	0	0	0	20
BC, Vancouver	Norway, Stavanger	34520	0	0	0	26
BC, Vancouver	Norway, Stavanger	34920	0	0	0	50
NB, Saint John	U.S., Point Lay, AK	7210	0	23	0	0
NB, Saint John	U.S., Point Lay, AK	20269	0	18	0	0
NL, Argentia	Russia, Murmansk	5202	0	0	772	0
NL, Argentia	Iceland, Reykjavik	4120	0	4	0	0
NL, Argentia	Iceland, Reykjavik	5111	0	0	0	2
NL, Argentia	Iceland, Reykjavik	5112	0	0	0	1
NL, Argentia	Iceland, Reykjavik	5201	0	569	0	58
NL, Argentia	Iceland, Reykjavik	5202	0	1,443	0	2,076
NL, Argentia	Iceland, Reykjavik	5203	0	50	0	23
NL, Argentia	Iceland, Reykjavik	5204	0	21,858	0	1,543
NL, Argentia	Iceland, Reykjavik	5320	0	74	0	3
NL, Argentia	Iceland, Reykjavik	7239	0	26	0	0
NL, Argentia	Iceland, Reykjavik	7719	0	0	0	1
NL, Argentia	Iceland, Reykjavik	7891	0	0	0	187
NL, Argentia	Iceland, Reykjavik	8100	0	2	0	0
NL, Argentia	Iceland, Reykjavik	8320	0	6	0	0
NL, Argentia	Iceland, Reykjavik	10020	0	0	0	151
NL, Argentia	Iceland, Reykjavik	17100	0	0	0	257
NL, Argentia	Iceland, Reykjavik	19100	0	0	0	10
NL, Argentia	Iceland, Reykjavik	19990	0	0	0	17
NL, Argentia	Iceland, Reykjavik	20509	0	0	0	23
NL, Argentia	Iceland, Reykjavik	21000	0	0	0	13
NL, Argentia	Iceland, Reykjavik	22039	0	0	0	153
NL, Argentia	Iceland, Reykjavik	23110	0	0	0	1
NL, Argentia	Iceland, Reykjavik	23300	0	3	0	2
NL, Argentia	Iceland, Reykjavik	23909	0	1	0	21
NL, Argentia	Iceland, Reykjavik	24224	0	0	0	6
NL, Argentia	Iceland, Reykjavik	14229	0	0	0	9
NL, Argentia	Iceland, Reykjavik	24399	0	0	1	21
NL, Argentia	Iceland, Reykjavik	22091	0	2	0	0
NL, Argentia	Iceland, Reykjavik	26901	0	0	0	2
NL, Argentia	Iceland, Reykjavik	26909	0	0	0	45
NL, Argentia	Iceland, Reykjavik	27320	0	0	0	61
NL, Argentia	Iceland, Reykjavik	28029	0	9	0	1,631
NL, Argentia	Iceland, Reykjavik	28092	0	2	0	4
NL, Argentia	Iceland, Reykjavik	28099	0	0	0	20
NL, Argentia	Iceland, Reykjavik	30200	0	0	0	1
NL, Argentia	Iceland, Reykjavik	30399	0	10	0	83
NL, Argentia	Iceland, Reykjavik	32102	0	9	0	0
NL, Argentia	Iceland, Reykjavik	32300	0	0	0	38
NL, Argentia	Iceland, Reykjavik	33111	0	5	0	26
NL, Argentia	Iceland, Reykjavik	33121	0	3	2	10
NL, Argentia	Iceland, Reykjavik	33122	0	1	0	3
NL, Argentia	Iceland, Reykjavik	33201	0	0	0	2
NL, Argentia	Iceland, Reykjavik	33209	0	0	3	13
NL, Argentia	Iceland, Reykjavik	3321	0	0	0	163

NL, Argentia	Iceland, Reykjavik	33322	0	0	0	14
NL, Argentia	Iceland, Reykjavik	33340	0	0	0	12
NL, Argentia	Iceland, Reykjavik	33910	0	0	0	43
NL, Argentia	Iceland, Reykjavik	33992	0	0	0	19
NL, Argentia	Iceland, Reykjavik	33993	0	0	10	250
NL, Argentia	Iceland, Reykjavik	33999	0	1	4	302
NL, Argentia	Iceland, Reykjavik	34130	0	1	0	0
NL, Argentia	Iceland, Reykjavik	34211	0	10	0	0
NL, Argentia	Iceland, Reykjavik	34310	0	0	0	41
NL, Argentia	Iceland, Reykjavik	34320	0	5	0	23
NL, Argentia	Iceland, Reykjavik	34511	0	0	0	5
NL, Argentia	Iceland, Reykjavik	34519	0	5	0	27
NL, Argentia	Iceland, Reykjavik	34520	0	41	0	10
NL, Argentia	Iceland, Reykjavik	34910	0	27	0	0
NL, Argentia	Iceland, Reykjavik	34994	0	0	0	2
NL, Argentia	Iceland, Reykjavik	34999	0	63	0	464
NL, Argentia	Iceland, Reykjavik	35110	0	0	0	1
NL, Argentia	Iceland, Reykjavik	35220	0	0	0	7
NL, Argentia	Iceland, Reykjavik	35911	0	0	0	1
NL, Argentia	Iceland, Reykjavik	35920	0	0	0	9
NL, Argentia	Iceland, Reykjavik	35994	0	1	0	0
NL, Argentia	Iceland, Reykjavik	35999	0	0	0	2
NL, Argentia	Iceland, Reykjavik	36101	0	0	0	5
NL, Argentia	Iceland, Reykjavik	36399	0	2	0	0
NL, Argentia	Iceland, Reykjavik	36409	0	22	0	23
NL, Argentia	Iceland, Reykjavik	37104	0	6	0	10
NL, Argentia	Iceland, Reykjavik	37310	0	0	0	13
NL, Argentia	Iceland, Reykjavik	37320	0	36	11	128
NL, Argentia	Iceland, Reykjavik	38320	0	0	0	39
NL, Argentia	Iceland, Reykjavik	38520	0	12	0	0
NL, Argentia	Iceland, Reykjavik	38599	0	0	0	4
NL, Argentia	Iceland, Reykjavik	39019	0	0	0	17
NL, Argentia	Iceland, Reykjavik	39030	0	0	1	9
NL, Argentia	Iceland, Reykjavik	40220	0	360	1	293
NL, Argentia	Iceland, Reykjavik	40992	0	0	0	36
NL, Argentia	Iceland, Reykjavik	40999	0	1	0	16
NL, Argentia	Iceland, Reykjavik	41210	0	0	0	23
NL, Argentia	Iceland, Reykjavik	42390	0	19	0	59
NL, Bay Roberts	Denmark, Faroes	5201	0	0	18	0
NL, Bay Roberts	Denmark, Faroes	5202	0	0	48	0
NL, Bay Roberts	Denmark, Faroes	5204	1,242	0	0	0
NL, Bay Roberts	Denmark, Faroes	5320	0	0	1	0
NL, Bay Roberts	Denmark, Faroes	33340	4	0	0	0
NL, Bay Roberts	Denmark, Faroes	34999	0	0	6	0
NL, Bay Roberts	Denmark, Faroes	42390	0	0	2	0
NL, Bay Roberts	Russia, Murmansk	5202	256	0	0	0
NL, Bay Roberts	Denmark, Torshavn	5202	0	0	1	0
NL, Bay Roberts	Denmark, Torshavn	5320	0	0	3	0
NL, Bay Roberts	Denmark, Torshavn	30399	0	0	4	0
NL, Bay Roberts	Denmark, Torshavn	33999	0	0	1	0
NL, Bay Roberts	Denmark, Torshavn	37320	0	0	4	0
NL, Bay Roberts	Denmark, Torshavn	40999	0	0	1	0
NL, Bay Roberts	Denmark, Torshavn	42390	0	0	4	0
NL, Coley's Point	Iceland, Reykjavik	5204	255	0	0	0
NL, Long Pond	Russia, Murmansk	5202	368	0	0	0
NL, St. John's	Iceland, Keflavik	5204	0	211	0	0
NL, St. John's	Iceland, Keflavik	5320	0	110	0	0
NL, St. John's	Iceland, Keflavik	28029	0	20	0	0
NL, St. John's	Iceland, Keflavik	39011	0	32	0	0
NL, St. John's	Iceland, Keflavik	42390	0	76	0	0

NL, St. John's	Iceland, not specified	5204	0	2,623	0	0
NL, St. John's	Iceland, not specified	5320	0	183	0	0
NL, St. John's	Iceland, not specified	7210	0	118	0	0
NL, St. John's	Iceland, not specified	7719	0	2	0	0
NL, St. John's	Iceland, not specified	20509	0	2	0	0
NL, St. John's	Iceland, not specified	23300	0	13	0	0
NL, St. John's	Iceland, not specified	28029	0	106	0	0
NL, St. John's	Iceland, not specified	28099	0	20	0	0
NL, St. John's	Iceland, not specified	33999	0	9	0	0
NL, St. John's	Iceland, not specified	34212	0	32	0	0
NL, St. John's	Iceland, not specified	35400	0	1	0	0
NL, St. John's	Iceland, not specified	36101	0	5	0	0
NL, St. John's	Iceland, not specified	36210	0	7	0	0
NL, St. John's	Iceland, not specified	36399	0	12	0	0
NL, St. John's	Iceland, not specified	39011	0	39	0	0
NL, St. John's	Iceland, not specified	39019	0	7	0	0
NL, St. John's	Iceland, not specified	40920	0	207	0	0
NL, St. John's	Iceland, not specified	40999	0	1	0	0
NL, St. John's	Iceland, not specified	42390	0	25	0	0
NL, St. John's	Iceland, Reykjavik	5204	0	2,131	0	0
NL, St. John's	Iceland, Reykjavik	5310	0	20	0	0
NL, St. John's	Iceland, Reykjavik	5320	0	456	0	0
NL, St. John's	Iceland, Reykjavik	7719	0	9	0	0
NL, St. John's	Iceland, Reykjavik	19330	0	2	0	0
NL, St. John's	Iceland, Reykjavik	24399	0	23	0	0
NL, St. John's	Iceland, Reykjavik	26221	0	9	0	0
NL, St. John's	Iceland, Reykjavik	26401	0	25	0	0
NL, St. John's	Iceland, Reykjavik	28029	0	124	0	0
NL, St. John's	Iceland, Reykjavik	30329	0	49	0	0
NL, St. John's	Iceland, Reykjavik	33992	0	9	0	0
NL, St. John's	Iceland, Reykjavik	34519	0	1	0	0
NL, St. John's	Iceland, Reykjavik	35110	0	68	0	0
NL, St. John's	Iceland, Reykjavik	35400	0	4	0	0
NL, St. John's	Iceland, Reykjavik	35510	0	5	0	0
NL, St. John's	Iceland, Reykjavik	36101	0	18	0	0
NL, St. John's	Iceland, Reykjavik	36409	0	5	0	0
NL, St. John's	Iceland, Reykjavik	39011	0	15	0	0
NL, St. John's	Iceland, Reykjavik	39019	0	13	0	0
NL, St. John's	Iceland, Reykjavik	40220	0	3	0	0
NL, St. John's	Iceland, Reykjavik	40920	0	140	0	0
NL, St. John's	Iceland, Reykjavik	42390	0	0	1	0
NS, Halifax	Iceland, Husavik	30400	0	30	0	0
NS, Halifax	Iceland, Husavik	35110	0	0	0	4
NS, Shelburne	Iceland, not specified	5202	0	0	0	49
NS, Shelburne	Iceland, Reykjavik	2901	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	4120	0	0	0	36
NS, Shelburne	Iceland, Reykjavik	4199	0	0	0	463
NS, Shelburne	Iceland, Reykjavik	4290	0	0	0	53
NS, Shelburne	Iceland, Reykjavik	5122	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	100
NS, Shelburne	Iceland, Reykjavik	5202	0	688	0	1,462
NS, Shelburne	Iceland, Reykjavik	5203	0	166	0	7,841
NS, Shelburne	Iceland, Reykjavik	5204	0	430	0	70
NS, Shelburne	Iceland, Reykjavik	5310	0	111	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	117	0	21
NS, Shelburne	Iceland, Reykjavik	6100	0	87	0	0
NS, Shelburne	Iceland, Reykjavik	6299	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	6391	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	6431	0	9	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	9	0	0

NS, Shelburne	Iceland, Reykjavik	7210	0	387	0	0
NS, Shelburne	Iceland, Reykjavik	7229	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	7239	0	32	0	11
NS, Shelburne	Iceland, Reykjavik	7303	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	7509	0	9	0	0
NS, Shelburne	Iceland, Reykjavik	7612	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	7719	0	25	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	27	0	0
NS, Shelburne	Iceland, Reykjavik	12020	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	13109	0	23	0	0
NS, Shelburne	Iceland, Reykjavik	13929	0	36	0	0
NS, Shelburne	Iceland, Reykjavik	19100	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	20232	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	23121	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	7	0	4
NS, Shelburne	Iceland, Reykjavik	23901	0	0	0	3
NS, Shelburne	Iceland, Reykjavik	23909	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	24221	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	24225	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	14229	0	0	0	4
NS, Shelburne	Iceland, Reykjavik	24310	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	94	0	0
NS, Shelburne	Iceland, Reykjavik	26401	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26909	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	27120	0	26	0	0
NS, Shelburne	Iceland, Reykjavik	28021	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	28029	0	22	0	326
NS, Shelburne	Iceland, Reykjavik	29300	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	30120	0	0	0	6
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	5
NS, Shelburne	Iceland, Reykjavik	30399	0	0	0	9
NS, Shelburne	Iceland, Reykjavik	30400	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	31291	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	31921	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	33111	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	33201	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	33340	0	195	0	0
NS, Shelburne	Iceland, Reykjavik	33992	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	33993	0	0	0	7
NS, Shelburne	Iceland, Reykjavik	33999	0	13	0	10
NS, Shelburne	Iceland, Reykjavik	34110	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34421	0	0	0	10
NS, Shelburne	Iceland, Reykjavik	34519	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	34520	0	5	0	12
NS, Shelburne	Iceland, Reykjavik	34920	0	12	0	2
NS, Shelburne	Iceland, Reykjavik	34993	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	34999	0	553	0	104
NS, Shelburne	Iceland, Reykjavik	36101	0	76	0	5
NS, Shelburne	Iceland, Reykjavik	36210	0	67	0	3
NS, Shelburne	Iceland, Reykjavik	36320	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	36340	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	36359	0	21	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	4	0	2
NS, Shelburne	Iceland, Reykjavik	36399	0	23	0	0
NS, Shelburne	Iceland, Reykjavik	36409	0	14	0	5
NS, Shelburne	Iceland, Reykjavik	37104	0	0	0	5
NS, Shelburne	Iceland, Reykjavik	37310	0	21	0	0
NS, Shelburne	Iceland, Reykjavik	37320	0	0	0	43
NS, Shelburne	Iceland, Reykjavik	39011	0	68	0	0

NS, Shelburne	Iceland, Reykjavik	39019	0	13	0	3
NS, Shelburne	Iceland, Reykjavik	40220	0	59	0	115
NS, Shelburne	Iceland, Reykjavik	40920	0	302	0	0
NS, Shelburne	Iceland, Reykjavik	40999	0	19	0	3
NS, Shelburne	Iceland, Reykjavik	41110	0	12	0	0
NS, Shelburne	Iceland, Reykjavik	42390	0	13	0	8
QC, Cote-Ste-Catherine	Greenland, not specified	5310	9	0	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	5320	0	43	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	7720	2	0	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	8200	1	0	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	19990	2	0	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	33999	0	16	0	0
QC, Cote-Ste-Catherine	Greenland, not specified	36359	1	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	5201	0	0	63	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	5204	0	0	153	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	5310	2	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	7720	1	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	7811	1	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	12020	0	0	1	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	19990	2	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	30399	0	0	3	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	34999	0	0	15	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	37230	0	0	1	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	37310	3	0	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	42390	238	0	0	0
QC, Montreal	Russia, Murmansk	3221	0	1,481	0	0
QC, Montreal	Russia, Murmansk	3602	0	64	0	0
QC, Montreal	Russia, Murmansk	4210	0	54	0	0
QC, Montreal	Russia, Murmansk	5122	0	188	0	0
QC, Montreal	Russia, Murmansk	7111	0	25	0	0
QC, Montreal	Russia, Murmansk	8200	0	0	0	16
QC, Montreal	Russia, Murmansk	22020	0	0	38,696	0
QC, Montreal	Russia, Murmansk	22090	0	0	11,222	0
QC, Montreal	Russia, Murmansk	28099	0	25	0	0
QC, Montreal	Russia, Murmansk	30200	0	23	0	0
QC, Montreal	Russia, Murmansk	30330	0	60	0	0
QC, Montreal	Russia, Murmansk	30392	0	24	0	0
QC, Montreal	Russia, Murmansk	33111	0	118	0	0
QC, Montreal	Russia, Murmansk	34221	0	8	0	0
QC, Montreal	Russia, Murmansk	39019	0	0	0	35
QC, Montreal	Iceland, not specified	33111	0	85	0	0
QC, Montreal	Iceland, not specified	229	0	4	0	0
QC, Montreal	Iceland, not specified	33999	0	91	0	0
QC, Valleyfield	Greenland, Thule	42390	250	189	0	0
	Total cargo volumes		69,533	38,187	91,444	19,565

2002	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	U.S., Anchorage, AK	25020	17,792	0	0	0
BC, Fraser River	U.S., Point Lay, AK	32200	0	0	10,476	0
BC, Vancouver	Russia, Murmansk	5112	52	0	0	0
BC, Vancouver	Russia, Murmansk	26212	0	0	0	31
BC, Vancouver	Russia, Murmansk	26401	0	29	0	0
BC, Vancouver	Russia, Murmansk	34999	0	4	0	0
BC, Vancouver	Russia, Murmansk	36101	0	5	0	0
BC, Vancouver	Russia, Murmansk	41299	0	44	0	0
BC, Vancouver	Russia, Murmansk	26401	0	23	0	0
BC, Vancouver	U.S., Seward, AK	17100	1,808	0	0	0
BC, Vancouver	U.S., Seward, AK	17200	697	0	0	0

BC, Vancouver	U.S., Seward, AK	18000	2,729	0	0	0
NB, Saint John	Iceland, not specified	4120	0	0	5,196	0
NL, Argentia	Iceland, not specified	28029	0	0	1	0
NL, Argentia	Iceland, Reykjavik	3999	0	0	0	2
NL, Argentia	Iceland, Reykjavik	4120	0	0	0	19
NL, Argentia	Iceland, Reykjavik	4290	0	0	0	51
NL, Argentia	Iceland, Reykjavik	5201	0	91	20	96
NL, Argentia	Iceland, Reykjavik	5202	0	6,870	12	3,746
NL, Argentia	Iceland, Reykjavik	5203	0	107	0	46
NL, Argentia	Iceland, Reykjavik	5204	0	15,035	1	2,495
NL, Argentia	Iceland, Reykjavik	5320	0	0	0	13
NL, Argentia	Iceland, Reykjavik	6432	0	0	0	13
NL, Argentia	Iceland, Reykjavik	7719	0	0	0	9
NL, Argentia	Iceland, Reykjavik	7891	0	0	0	175
NL, Argentia	Iceland, Reykjavik	8100	0	4	0	0
NL, Argentia	Iceland, Reykjavik	10020	0	0	0	829
NL, Argentia	Iceland, Reykjavik	19100	0	0	0	24
NL, Argentia	Iceland, Reykjavik	19209	0	0	0	1
NL, Argentia	Iceland, Reykjavik	19990	0	0	0	21
NL, Argentia	Iceland, Reykjavik	20269	0	0	0	1
NL, Argentia	Iceland, Reykjavik	20509	0	0	0	56
NL, Argentia	Iceland, Reykjavik	22039	0	1	0	291
NL, Argentia	Iceland, Reykjavik	23300	0	0	4	3
NL, Argentia	Iceland, Reykjavik	253902	0	19	3	0
NL, Argentia	Iceland, Reykjavik	24224	0	10	16	8
NL, Argentia	Iceland, Reykjavik	24225	0	0	0	1
NL, Argentia	Iceland, Reykjavik	24399	0	0	1	10
NL, Argentia	Iceland, Reykjavik	26401	0	0	1	1
NL, Argentia	Iceland, Reykjavik	26901	0	0	0	1
NL, Argentia	Iceland, Reykjavik	26909	0	0	0	12
NL, Argentia	Iceland, Reykjavik	27320	0	0	0	40
NL, Argentia	Iceland, Reykjavik	28021	0	0	0	41
NL, Argentia	Iceland, Reykjavik	28029	0	69	10	1,211
NL, Argentia	Iceland, Reykjavik	28099	0	0	0	19
NL, Argentia	Iceland, Reykjavik	30399	0	11	4	35
NL, Argentia	Iceland, Reykjavik	31320	0	0	0	1
NL, Argentia	Iceland, Reykjavik	31392	0	0	0	1
NL, Argentia	Iceland, Reykjavik	31911	0	0	0	88
NL, Argentia	Iceland, Reykjavik	32200	0	0	0	0
NL, Argentia	Iceland, Reykjavik	32300	0	0	24	119
NL, Argentia	Iceland, Reykjavik	33111	0	0	2	222
NL, Argentia	Iceland, Reykjavik	33121	0	0	0	16
NL, Argentia	Iceland, Reykjavik	33201	0	0	2	0
NL, Argentia	Iceland, Reykjavik	33209	0	0	0	54
NL, Argentia	Iceland, Reykjavik	33310	0	0	0	7
NL, Argentia	Iceland, Reykjavik	33321	0	0	0	2
NL, Argentia	Iceland, Reykjavik	33330	0	0	0	43
NL, Argentia	Iceland, Reykjavik	33992	0	0	1	121
NL, Argentia	Iceland, Reykjavik	33993	0	5	20	234
NL, Argentia	Iceland, Reykjavik	33999	2	7	4	57
NL, Argentia	Iceland, Reykjavik	34110	0	0	0	5
NL, Argentia	Iceland, Reykjavik	34130	0	6	1	16
NL, Argentia	Iceland, Reykjavik	34211	0	0	24	0
NL, Argentia	Iceland, Reykjavik	34320	0	0	0	46
NL, Argentia	Iceland, Reykjavik	34421	0	0	0	5
NL, Argentia	Iceland, Reykjavik	34422	0	7	0	0
NL, Argentia	Iceland, Reykjavik	34511	0	20	0	0
NL, Argentia	Iceland, Reykjavik	34519	0	2	0	6
NL, Argentia	Iceland, Reykjavik	34520	0	13	11	429
NL, Argentia	Iceland, Reykjavik	34940	0	0	0	8

NL, Argentia	Iceland, Reykjavik	34971	0	0	2	0
NL, Argentia	Iceland, Reykjavik	34972	0	0	0	11
NL, Argentia	Iceland, Reykjavik	34994	1	0	2	45
NL, Argentia	Iceland, Reykjavik	34999	0	40	1	484
NL, Argentia	Iceland, Reykjavik	35510	0	0	0	2
NL, Argentia	Iceland, Reykjavik	35911	2	0	0	0
NL, Argentia	Iceland, Reykjavik	35920	0	0	3	0
NL, Argentia	Iceland, Reykjavik	36101	0	0	0	2
NL, Argentia	Iceland, Reykjavik	36409	0	1	0	3
NL, Argentia	Iceland, Reykjavik	37104	0	0	0	11
NL, Argentia	Iceland, Reykjavik	37310	0	0	0	2
NL, Argentia	Iceland, Reykjavik	37320	0	15	1	77
NL, Argentia	Iceland, Reykjavik	38320	0	0	0	22
NL, Argentia	Iceland, Reykjavik	39029	0	0	0	2
NL, Argentia	Iceland, Reykjavik	39030	0	0	2	6
NL, Argentia	Iceland, Reykjavik	40220	0	114	19	341
NL, Argentia	Iceland, Reykjavik	40999	0	38	0	77
NL, Argentia	Iceland, Reykjavik	42390	0	2	0	1,118
NL, Coley's Point	Iceland, not specified	4199	0	0	212	0
NL, St. John's	Iceland, not specified	5204	0	223	0	0
NS, Halifax	Russia, Murmansk	2100	0	0	24,006	0
NS, Halifax	Iceland, not specified	42100	0	6	0	0
NS, Shelburne	Iceland, Keflavik	33999	0	0	0	49
NS, Shelburne	Iceland, Keflavik	36101	0	0	0	44
NS, Shelburne	Greenland, not specified	5310	0	3	0	0
NS, Shelburne	Greenland, not specified	5320	0	1	0	0
NS, Shelburne	Greenland, not specified	7811	0	1	0	0
NS, Shelburne	Greenland, not specified	7891	0	5	0	0
NS, Shelburne	Greenland, not specified	28021	0	4	0	0
NS, Shelburne	Greenland, not specified	30200	0	2	0	0
NS, Shelburne	Greenland, not specified	36359	0	1	0	0
NS, Shelburne	Greenland, not specified	36399	0	2	0	0
NS, Shelburne	Greenland, not specified	37310	0	3	0	0
NS, Shelburne	Greenland, not specified	40220	0	1	0	0
NS, Shelburne	Iceland, not specified	5202	0	0	12	0
NS, Shelburne	Iceland, Reykjavik	3212	0	92	0	0
NS, Shelburne	Iceland, Reykjavik	3324	0	20	0	0
NS, Shelburne	Iceland, Reykjavik	4199	0	0	0	177
NS, Shelburne	Iceland, Reykjavik	4290	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	5112	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	5122	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	5201	0	0	0	55
NS, Shelburne	Iceland, Reykjavik	5202	0	227	3	1,141
NS, Shelburne	Iceland, Reykjavik	5203	0	122	263	6,182
NS, Shelburne	Iceland, Reykjavik	5204	0	822	3	63
NS, Shelburne	Iceland, Reykjavik	5310	0	39	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	589	0	4
NS, Shelburne	Iceland, Reykjavik	6100	0	173	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	7210	0	353	0	0
NS, Shelburne	Iceland, Reykjavik	7229	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	7239	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	7242	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	7303	0	0	1	0
NS, Shelburne	Iceland, Reykjavik	7509	0	13	0	0
NS, Shelburne	Iceland, Reykjavik	7719	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	7891	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	18	0	0
NS, Shelburne	Iceland, Reykjavik	13929	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	23300	0	3	0	0

NS, Shelburne	Iceland, Reykjavik	23904	0	16	0	0
NS, Shelburne	Iceland, Reykjavik	24224	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	24310	0	58	0	8
NS, Shelburne	Iceland, Reykjavik	24391	0	0	0	34
NS, Shelburne	Iceland, Reykjavik	26212	0	55	0	0
NS, Shelburne	Iceland, Reykjavik	26221	0	33	0	0
NS, Shelburne	Iceland, Reykjavik	26310	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	26401	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	26409	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	6	0	9
NS, Shelburne	Iceland, Reykjavik	26909	0	0	0	11
NS, Shelburne	Iceland, Reykjavik	28021	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	28029	0	47	0	279
NS, Shelburne	Iceland, Reykjavik	29100	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30110	0	0	0	4
NS, Shelburne	Iceland, Reykjavik	30120	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30200	0	2	2	3
NS, Shelburne	Iceland, Reykjavik	30329	0	6	0	0
NS, Shelburne	Iceland, Reykjavik	30399	0	1	0	13
NS, Shelburne	Iceland, Reykjavik	30503	0	11	0	0
NS, Shelburne	Iceland, Reykjavik	31399	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	31921	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	32300	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	33111	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	33201	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	33209	0	12	0	26
NS, Shelburne	Iceland, Reykjavik	33330	0	0	0	10
NS, Shelburne	Iceland, Reykjavik	33340	0	143	0	1
NS, Shelburne	Iceland, Reykjavik	33910	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	33992	0	0	0	16
NS, Shelburne	Iceland, Reykjavik	33993	0	0	0	3
NS, Shelburne	Iceland, Reykjavik	33999	0	3	2	25
NS, Shelburne	Iceland, Reykjavik	34320	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	34330	0	2	0	8
NS, Shelburne	Iceland, Reykjavik	34520	0	2	0	3
NS, Shelburne	Iceland, Reykjavik	34930	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	34940	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	34999	0	57	0	41
NS, Shelburne	Iceland, Reykjavik	35120	0	27	0	0
NS, Shelburne	Iceland, Reykjavik	35400	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	35811	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	36101	0	204	0	0
NS, Shelburne	Iceland, Reykjavik	36210	0	81	0	0
NS, Shelburne	Iceland, Reykjavik	36320	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	36351	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	36359	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	36399	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	36409	0	6	0	2
NS, Shelburne	Iceland, Reykjavik	37310	0	15	0	25
NS, Shelburne	Iceland, Reykjavik	37320	0	0	0	18
NS, Shelburne	Iceland, Reykjavik	39011	0	81	0	0
NS, Shelburne	Iceland, Reykjavik	39019	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	40110	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	40210	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40220	0	49	0	27
NS, Shelburne	Iceland, Reykjavik	40920	0	162	0	22
NS, Shelburne	Iceland, Reykjavik	40999	0	20	0	8
NS, Shelburne	Iceland, Reykjavik	42390	0	22	0	2
NS, Sydney	Russia, Murmansk	5202	620	0	0	0

QC, Becancour	Russia, Arkhangelsk	32300	0	0	17,738	0
QC, Cote-Ste-Catherine	Greenland, not specified	42390	128	231	0	0
QC, Cote-Ste-Catherine	Greenland, Nuuk	42390	20	227	0	0
QC, Cote-Ste-Catherine	Greenland, Thule	42390	380	0	0	0
QC, Montreal	Russia, Murmansk	3504	0	18	0	0
QC, Montreal	Russia, Murmansk	4210	0	158	0	0
QC, Montreal	Russia, Murmansk	4290	0	24	0	0
QC, Montreal	Russia, Murmansk	5122	0	868	0	0
QC, Montreal	Russia, Murmansk	5320	0	14	0	0
QC, Montreal	Russia, Murmansk	7229	0	21	0	0
QC, Montreal	Russia, Murmansk	7799	0	28	0	0
QC, Montreal	Russia, Murmansk	13999	0	69	0	0
QC, Montreal	Russia, Murmansk	19209	0	16	0	0
QC, Montreal	Russia, Murmansk	23121	0	69	0	0
QC, Montreal	Russia, Murmansk	23400	0	10	0	0
QC, Montreal	Russia, Murmansk	23909	0	383	0	0
QC, Montreal	Russia, Murmansk	24101	0	48	0	0
QC, Montreal	Russia, Murmansk	24221	0	2	0	0
QC, Montreal	Russia, Murmansk	24310	0	13	0	0
QC, Montreal	Russia, Murmansk	24391	0	71	0	0
QC, Montreal	Russia, Murmansk	25020	0	39	0	0
QC, Montreal	Russia, Murmansk	26221	0	16	0	0
QC, Montreal	Russia, Murmansk	26401	0	10	0	0
QC, Montreal	Russia, Murmansk	30200	0	11	0	0
QC, Montreal	Russia, Murmansk	30330	0	13	0	0
QC, Montreal	Russia, Murmansk	30392	0	8	0	0
QC, Montreal	Russia, Murmansk	31929	0	132	0	0
QC, Montreal	Russia, Murmansk	31951	0	127	0	0
QC, Montreal	Russia, Murmansk	33321	0	5	0	0
QC, Montreal	Russia, Murmansk	33999	0	25	0	0
QC, Montreal	Russia, Murmansk	34221	0	21	0	0
QC, Montreal	Russia, Murmansk	34960	0	184	0	0
QC, Montreal	Russia, Murmansk	34994	0	2	0	0
QC, Montreal	Russia, Murmansk	35811	0	8	0	0
QC, Montreal	Russia, Murmansk	36101	0	18	0	0
QC, Montreal	Russia, Murmansk	36330	0	3	0	0
QC, Montreal	Russia, Murmansk	36409	0	23	0	0
QC, Montreal	Russia, Murmansk	37310	0	8	0	0
QC, Montreal	Russia, Murmansk	40210	0	3	0	0
QC, Montreal	Russia, Murmansk	40999	0	371	0	0
QC, Montreal	Iceland, not specified	25020	0	90	0	0
	Total cargo volumes		24,231	29,951	58,106	21,302

2003	International port of	Commodity	Exported from Canada		Imported to Canada	
Handling port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	U.S., Anchorage, AK	3602	0	20	0	0
BC, Fraser River	U.S., Anchorage, AK	4210	0	213	0	0
BC, Fraser River	U.S., Anchorage, AK	5310	0	58	0	0
BC, Fraser River	U.S., Anchorage, AK	10020	0	15	0	0
BC, Fraser River	U.S., Anchorage, AK	22090	0	16	0	0
BC, Fraser River	U.S., Anchorage, AK	23500	0	17	0	0
BC, Fraser River	U.S., Anchorage, AK	24101	0	126	0	0
BC, Fraser River	U.S., Anchorage, AK	25093	0	31	0	0
BC, Fraser River	U.S., Anchorage, AK	26320	0	85	0	0
BC, Fraser River	U.S., Anchorage, AK	26401	0	65	0	0
BC, Fraser River	U.S., Anchorage, AK	27200	0	999	0	0
BC, Fraser River	U.S., Anchorage, AK	27319	0	88	0	0
BC, Fraser River	U.S., Anchorage, AK	27410	0	81	0	0
BC, Fraser River	U.S., Anchorage, AK	29100	0	36	0	0

BC, Fraser River	U.S., Anchorage, AK	31229	0	16	0	0
BC, Fraser River	U.S., Anchorage, AK	31399	0	38	0	0
BC, Fraser River	U.S., Anchorage, AK	31931	0	19	0	0
BC, Fraser River	U.S., Anchorage, AK	31994	0	15	0	0
BC, Fraser River	U.S., Anchorage, AK	32200	0	20	0	0
BC, Fraser River	U.S., Anchorage, AK	32300	0	20	0	0
BC, Fraser River	U.S., Anchorage, AK	33201	0	12	0	0
BC, Fraser River	U.S., Anchorage, AK	33340	0	14	0	0
BC, Fraser River	U.S., Anchorage, AK	33910	0	6	0	0
BC, Fraser River	U.S., Anchorage, AK	33993	0	6	0	0
BC, Fraser River	U.S., Anchorage, AK	30999	0	104	0	0
BC, Fraser River	U.S., Anchorage, AK	34110	0	18	0	0
BC, Fraser River	U.S., Anchorage, AK	34520	0	125	0	0
BC, Fraser River	U.S., Anchorage, AK	34999	0	15	0	0
BC, Fraser River	U.S., Anchorage, AK	6101	0	28	0	0
BC, Fraser River	U.S., Anchorage, AK	36360	0	10	0	0
BC, Fraser River	U.S., Anchorage, AK	39019	0	368	0	0
BC, Fraser River	U.S., Anchorage, AK	40220	0	31	0	0
BC, Fraser River	U.S., Anchorage, AK	40920	0	35	0	0
BC, Fraser River	U.S., Anchorage, AK	40999	0	31	0	0
BC, Fraser River	U.S., Anchorage, AK	41210	0	45	0	0
BC, Fraser River	U.S., Anchorage, AK	42390	0	129	0	0
BC, Fraser River	U.S., Seward, AK	4210	0	19	0	0
BC, Fraser River	U.S., Seward, AK	27200	0	279	0	0
BC, Fraser River	U.S., Seward, AK	39019	0	18	0	0
BC, Vancouver	U.S., Seward, AK	13109	14,152	0	0	0
BC, Vancouver	Russia, Murmansk	7239	0	0	24	0
BC, Vancouver	Russia, Murmansk	23110	0	12	0	0
BC, Vancouver	Russia, Murmansk	26401	0	22	0	0
BC, Vancouver	Russia, Murmansk	40220	0	24	0	0
BC, Vancouver	Russia, Murmansk	36399	0	5	0	0
NB, Saint John	Iceland, not specified	7410	0	0	2,436	0
NL, Argentia	Greenland, Narsaq	4199	0	9	0	0
NL, Argentia	Greenland, Narsaq	6432	0	1	0	0
NL, Argentia	Greenland, Narsaq	13109	0	1	0	0
NL, Argentia	Greenland, Narsaq	35700	0	1	0	0
NL, Argentia	Greenland, Narsaq	35999	0	20	0	0
NL, Argentia	Greenland, Narsaq	40220	0	22	0	0
NL, Argentia	Greenland, not specified	4192	0	0	0	307
NL, Argentia	Greenland, not specified	40220	0	0	0	16
NL, Argentia	Iceland, Reykjavik	1004	0	0	0	5
NL, Argentia	Iceland, Reykjavik	3999	0	0	42	129
NL, Argentia	Iceland, Reykjavik	4130	0	0	0	870
NL, Argentia	Iceland, Reykjavik	4192	0	8	0	0
NL, Argentia	Iceland, Reykjavik	4290	0	0	0	599
NL, Argentia	Iceland, Reykjavik	5201	0	262	0	56
NL, Argentia	Iceland, Reykjavik	5202	0	3,880	112	4,124
NL, Argentia	Iceland, Reykjavik	5204	42	28,933	0	2,084
NL, Argentia	Iceland, Reykjavik	5320	0	0	0	9
NL, Argentia	Iceland, Reykjavik	6101	0	5	0	5
NL, Argentia	Iceland, Reykjavik	7719	0	16	0	0
NL, Argentia	Iceland, Reykjavik	7732	0	0	0	62
NL, Argentia	Iceland, Reykjavik	8320	0	2	0	0
NL, Argentia	Iceland, Reykjavik	10020	0	0	0	660
NL, Argentia	Iceland, Reykjavik	12020	0	7	0	0
NL, Argentia	Iceland, Reykjavik	13109	0	0	0	1
NL, Argentia	Iceland, Reykjavik	19100	0	0	0	93
NL, Argentia	Iceland, Reykjavik	19990	0	0	0	32
NL, Argentia	Iceland, Reykjavik	20259	0	0	0	579
NL, Argentia	Iceland, Reykjavik	20299	0	0	0	82

NL, Argentia	Iceland, Reykjavik	20509	0	3	1	24
NL, Argentia	Iceland, Reykjavik	22039	0	0	0	311
NL, Argentia	Iceland, Reykjavik	23110	0	0	0	215
NL, Argentia	Iceland, Reykjavik	23300	0	0	1	5
NL, Argentia	Iceland, Reykjavik	23909	0	0	0	5
NL, Argentia	Iceland, Reykjavik	24221	0	0	0	21
NL, Argentia	Iceland, Reykjavik	24224	0	1	1	37
NL, Argentia	Iceland, Reykjavik	24399	0	1	3	13
NL, Argentia	Iceland, Reykjavik	25510	0	0	0	2
NL, Argentia	Iceland, Reykjavik	26221	0	0	0	25
NL, Argentia	Iceland, Reykjavik	26330	0	0	0	6
NL, Argentia	Iceland, Reykjavik	26401	0	0	0	11
NL, Argentia	Iceland, Reykjavik	26909	0	0	6	99
NL, Argentia	Iceland, Reykjavik	27319	0	0	0	39
NL, Argentia	Iceland, Reykjavik	27320	0	0	0	57
NL, Argentia	Iceland, Reykjavik	28010	0	0	0	9
NL, Argentia	Iceland, Reykjavik	28021	0	0	0	9
NL, Argentia	Iceland, Reykjavik	28029	0	128	1	2,266
NL, Argentia	Iceland, Reykjavik	28099	0	0	0	309
NL, Argentia	Iceland, Reykjavik	29100	0	0	0	4
NL, Argentia	Iceland, Reykjavik	29210	0	1	0	0
NL, Argentia	Iceland, Reykjavik	30200	0	0	0	1
NL, Argentia	Iceland, Reykjavik	30399	0	1	13	33
NL, Argentia	Iceland, Reykjavik	30999	1	37	9	221
NL, Argentia	Iceland, Reykjavik	31221	0	0	0	10
NL, Argentia	Iceland, Reykjavik	31399	0	0	0	1
NL, Argentia	Iceland, Reykjavik	31993	0	0	0	36
NL, Argentia	Iceland, Reykjavik	32102	0	0	0	3
NL, Argentia	Iceland, Reykjavik	32200	0	0	0	173
NL, Argentia	Iceland, Reykjavik	32300	6	0	23	165
NL, Argentia	Iceland, Reykjavik	33111	0	0	0	212
NL, Argentia	Iceland, Reykjavik	33121	0	0	1	117
NL, Argentia	Iceland, Reykjavik	33201	0	0	0	10
NL, Argentia	Iceland, Reykjavik	33209	0	0	0	15
NL, Argentia	Iceland, Reykjavik	33310	0	0	0	3
NL, Argentia	Iceland, Reykjavik	33321	0	2	3	22
NL, Argentia	Iceland, Reykjavik	33330	0	6	1	22
NL, Argentia	Iceland, Reykjavik	33340	7	0	0	1
NL, Argentia	Iceland, Reykjavik	33910	0	0	0	7
NL, Argentia	Iceland, Reykjavik	33992	0	0	0	2
NL, Argentia	Iceland, Reykjavik	33993	0	3	41	298
NL, Argentia	Iceland, Reykjavik	34120	0	0	8	0
NL, Argentia	Iceland, Reykjavik	34130	0	1	0	9
NL, Argentia	Iceland, Reykjavik	34221	0	0	0	1
NL, Argentia	Iceland, Reykjavik	34310	2	0	0	5
NL, Argentia	Iceland, Reykjavik	34320	0	0	2	28
NL, Argentia	Iceland, Reykjavik	34421	0	0	0	20
NL, Argentia	Iceland, Reykjavik	34422	0	0	0	3
NL, Argentia	Iceland, Reykjavik	34511	0	1	0	5
NL, Argentia	Iceland, Reykjavik	34519	0	0	0	27
NL, Argentia	Iceland, Reykjavik	34520	5	44	4	114
NL, Argentia	Iceland, Reykjavik	34920	0	0	0	50
NL, Argentia	Iceland, Reykjavik	34960	0	0	0	2
NL, Argentia	Iceland, Reykjavik	34991	0	8	0	2
NL, Argentia	Iceland, Reykjavik	34994	0	0	0	1
NL, Argentia	Iceland, Reykjavik	34999	3	49	6	613
NL, Argentia	Iceland, Reykjavik	35120	0	1	0	0
NL, Argentia	Iceland, Reykjavik	35220	0	0	0	1
NL, Argentia	Iceland, Reykjavik	35811	0	1	0	20
NL, Argentia	Iceland, Reykjavik	35920	0	0	0	1

NL, Argentia	Iceland, Reykjavik	35994	0	0	11	17
NL, Argentia	Iceland, Reykjavik	35999	0	0	0	1
NL, Argentia	Iceland, Reykjavik	36310	0	10	0	0
NL, Argentia	Iceland, Reykjavik	36351	0	1	0	0
NL, Argentia	Iceland, Reykjavik	36360	0	2	0	0
NL, Argentia	Iceland, Reykjavik	36399	0	16	0	0
NL, Argentia	Iceland, Reykjavik	36409	0	20	0	26
NL, Argentia	Iceland, Reykjavik	37230	0	0	0	1
NL, Argentia	Iceland, Reykjavik	37310	0	16	0	1
NL, Argentia	Iceland, Reykjavik	37320	0	0	0	87
NL, Argentia	Iceland, Reykjavik	38320	0	4	0	0
NL, Argentia	Iceland, Reykjavik	38599	0	0	0	5
NL, Argentia	Iceland, Reykjavik	39019	0	11	7	6
NL, Argentia	Iceland, Reykjavik	39030	8	0	4	48
NL, Argentia	Iceland, Reykjavik	40110	0	1	0	0
NL, Argentia	Iceland, Reykjavik	40220	0	56	26	546
NL, Argentia	Iceland, Reykjavik	40999	0	38	0	13
NL, Argentia	Iceland, Reykjavik	42390	4	2	0	71
NL, Bay Roberts	Iceland, Akureyri	5204	227	0	0	0
NL, Bay Roberts	Iceland, Isafjordur	5204	774	0	0	0
NL, Bay Roberts	Iceland, not specified	5202	830	0	0	0
NL, Bay Roberts	Iceland, not specified	5204	5,411	0	0	0
NL, Come-By-Chance	Russia, Murmansk	18000	0	0	27,629	0
NL, Harbour Grace	Iceland, Akureyri	5204	91	0	0	0
NL, Harbour Grace	Iceland, Isafjordur	5204	256	0	0	0
NL, Harbour Grace	Iceland, not specified	5202	2,320	0	0	0
NL, Harbour Grace	Iceland, not specified	5204	9,233	0	0	0
NL, Harbour Grace	Iceland, Reykjavik	34520	0	0	0	1
NS, Halifax	Russia, Murmansk	16000	0	0	98,960	0
NS, Halifax	Russia, Murmansk	42100	0	4	0	0
NS, Halifax	Iceland, Reykjavik	42100	0	2	0	0
NS, Halifax	Iceland, Reykjavik	42390	6,045	0	0	0
NS, Shelburne	Greenland, Narsaq	3100	0	1	0	0
NS, Shelburne	Greenland, Narsaq	5122	0	1	0	0
NS, Shelburne	Greenland, Narsaq	5310	0	23	0	0
NS, Shelburne	Greenland, Narsaq	5320	0	13	0	0
NS, Shelburne	Greenland, Narsaq	6101	0	3	0	0
NS, Shelburne	Greenland, Narsaq	7819	0	2	0	0
NS, Shelburne	Greenland, Narsaq	19100	0	2	0	0
NS, Shelburne	Greenland, Narsaq	30400	0	5	0	0
NS, Shelburne	Greenland, Narsaq	30999	0	10	0	0
NS, Shelburne	Greenland, Narsaq	32200	0	27	0	0
NS, Shelburne	Greenland, Narsaq	33340	0	673	0	0
NS, Shelburne	Greenland, Narsaq	34520	0	1	0	0
NS, Shelburne	Greenland, Narsaq	34999	0	121	0	0
NS, Shelburne	Greenland, Narsaq	36210	0	8	0	0
NS, Shelburne	Greenland, Narsaq	36351	0	1	0	0
NS, Shelburne	Greenland, Narsaq	36359	0	1	0	0
NS, Shelburne	Greenland, Narsaq	36399	0	5	0	0
NS, Shelburne	Greenland, Narsaq	36409	0	1	0	0
NS, Shelburne	Greenland, Narsaq	39019	0	10	0	0
NS, Shelburne	Greenland, Narsaq	40220	0	2	0	0
NS, Shelburne	Greenland, Narsaq	40993	0	2	0	0
NS, Shelburne	Greenland, not specified	5122	0	1	0	0
NS, Shelburne	Greenland, not specified	5310	0	8	0	0
NS, Shelburne	Greenland, not specified	5320	0	1	0	0
NS, Shelburne	Greenland, not specified	7242	0	1	0	0
NS, Shelburne	Greenland, not specified	28021	0	12	0	0
NS, Shelburne	Greenland, not specified	34120	0	2	0	0
NS, Shelburne	Greenland, not specified	34999	0	4	0	0

NS, Shelburne	Greenland, not specified	6101	0	2	0	0
NS, Shelburne	Greenland, not specified	36320	0	14	0	0
NS, Shelburne	Greenland, not specified	36351	0	1	0	0
NS, Shelburne	Greenland, not specified	36359	0	5	0	0
NS, Shelburne	Greenland, not specified	37310	0	1	0	0
NS, Shelburne	Greenland, not specified	40999	0	6	0	0
NS, Shelburne	Iceland, not specified	5202	0	0	5	0
NS, Shelburne	Iceland, not specified	34120	0	0	3	0
NS, Shelburne	Iceland, Reykjavik	1004	0	0	0	55
NS, Shelburne	Iceland, Reykjavik	1202	0	0	0	5
NS, Shelburne	Iceland, Reykjavik	4120	0	0	0	154
NS, Shelburne	Iceland, Reykjavik	4199	0	0	0	741
NS, Shelburne	Iceland, Reykjavik	5112	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	5122	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	5201	0	90	15	16
NS, Shelburne	Iceland, Reykjavik	5202	0	61	32	1,356
NS, Shelburne	Iceland, Reykjavik	5203	0	181	155	5,318
NS, Shelburne	Iceland, Reykjavik	5204	0	381	0	52
NS, Shelburne	Iceland, Reykjavik	5310	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	5320	0	1,371	0	0
NS, Shelburne	Iceland, Reykjavik	6100	0	214	0	0
NS, Shelburne	Iceland, Reykjavik	6101	0	316	0	0
NS, Shelburne	Iceland, Reykjavik	6292	0	25	0	0
NS, Shelburne	Iceland, Reykjavik	6420	0	14	0	0
NS, Shelburne	Iceland, Reykjavik	6432	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	7210	0	336	0	0
NS, Shelburne	Iceland, Reykjavik	7229	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	7239	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	7242	0	27	0	0
NS, Shelburne	Iceland, Reykjavik	7410	0	0	0	6
NS, Shelburne	Iceland, Reykjavik	7509	0	13	0	0
NS, Shelburne	Iceland, Reykjavik	7819	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	8100	0	13	0	0
NS, Shelburne	Iceland, Reykjavik	8200	0	29	0	0
NS, Shelburne	Iceland, Reykjavik	8320	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	13109	0	1	0	198
NS, Shelburne	Iceland, Reykjavik	20241	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	23300	0	7	0	0
NS, Shelburne	Iceland, Reykjavik	23902	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	23904	0	19	0	0
NS, Shelburne	Iceland, Reykjavik	24224	0	5	0	0
NS, Shelburne	Iceland, Reykjavik	24225	0	0	0	8
NS, Shelburne	Iceland, Reykjavik	24229	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	24310	0	16	0	0
NS, Shelburne	Iceland, Reykjavik	26212	0	63	0	0
NS, Shelburne	Iceland, Reykjavik	26221	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	26401	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26409	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	26901	0	1	0	23
NS, Shelburne	Iceland, Reykjavik	27410	0	253	0	0
NS, Shelburne	Iceland, Reykjavik	28010	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	28021	0	8	0	0
NS, Shelburne	Iceland, Reykjavik	28029	0	543	0	108
NS, Shelburne	Iceland, Reykjavik	30120	0	0	0	7
NS, Shelburne	Iceland, Reykjavik	30200	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	30329	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	30399	0	5	0	11
NS, Shelburne	Iceland, Reykjavik	30999	0	63	2	48
NS, Shelburne	Iceland, Reykjavik	31230	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	33111	0	30	0	11

NS, Shelburne	Iceland, Reykjavik	33209	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	33321	0	11	0	0
NS, Shelburne	Iceland, Reykjavik	33340	0	289	0	0
NS, Shelburne	Iceland, Reykjavik	33993	0	0	9	7
NS, Shelburne	Iceland, Reykjavik	34120	0	33	0	4
NS, Shelburne	Iceland, Reykjavik	34310	0	10	0	0
NS, Shelburne	Iceland, Reykjavik	34421	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34422	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	34520	0	24	13	11
NS, Shelburne	Iceland, Reykjavik	34920	0	1	0	9
NS, Shelburne	Iceland, Reykjavik	34999	0	415	0	56
NS, Shelburne	Iceland, Reykjavik	35210	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	35400	0	3	0	0
NS, Shelburne	Iceland, Reykjavik	35911	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	36210	0	385	0	0
NS, Shelburne	Iceland, Reykjavik	36310	0	23	0	0
NS, Shelburne	Iceland, Reykjavik	36351	0	11	0	0
NS, Shelburne	Iceland, Reykjavik	36359	0	2	0	0
NS, Shelburne	Iceland, Reykjavik	36360	0	20	0	0
NS, Shelburne	Iceland, Reykjavik	36399	0	27	0	0
NS, Shelburne	Iceland, Reykjavik	36409	0	19	0	2
NS, Shelburne	Iceland, Reykjavik	37310	0	37	0	0
NS, Shelburne	Iceland, Reykjavik	37320	0	0	0	1
NS, Shelburne	Iceland, Reykjavik	39011	0	93	0	0
NS, Shelburne	Iceland, Reykjavik	39019	0	4	0	0
NS, Shelburne	Iceland, Reykjavik	40220	0	0	0	4
NS, Shelburne	Iceland, Reykjavik	40920	0	399	0	0
NS, Shelburne	Iceland, Reykjavik	40992	0	1	0	0
NS, Shelburne	Iceland, Reykjavik	40993	0	23	0	0
NS, Shelburne	Iceland, Reykjavik	40995	0	0	0	2
NS, Shelburne	Iceland, Reykjavik	40999	0	24	0	12
NS, Shelburne	Iceland, Reykjavik	42390	0	1	0	33
QC, Becancour	Russia, Murmansk	32300	0	0	3,852	0
QC, Montreal	Russia, Murmansk	2100	0	0	15,882	0
QC, Montreal	Russia, Murmansk	3504	0	26	0	0
QC, Montreal	Russia, Murmansk	4210	0	23	0	0
QC, Montreal	Russia, Murmansk	4290	0	0	0	12
QC, Montreal	Russia, Murmansk	5122	0	76	0	0
QC, Montreal	Russia, Murmansk	7509	0	0	13,763	0
QC, Montreal	Russia, Murmansk	8200	0	0	0	10
QC, Montreal	Russia, Murmansk	8320	0	0	0	2
QC, Montreal	Russia, Murmansk	14999	0	0	4,176	0
QC, Montreal	Russia, Murmansk	17100	0	0	31,669	0
QC, Montreal	Russia, Murmansk	19990	0	0	31,080	0
QC, Montreal	Russia, Murmansk	20259	0	103	0	0
QC, Montreal	Russia, Murmansk	22020	0	0	55,969	0
QC, Montreal	Russia, Murmansk	23121	0	25	0	0
QC, Montreal	Russia, Murmansk	24101	0	23	0	0
QC, Montreal	Russia, Murmansk	24229	0	0	0	12
QC, Montreal	Russia, Murmansk	25020	0	40	0	20
QC, Montreal	Russia, Murmansk	28091	0	38	0	0
QC, Montreal	Russia, Murmansk	30200	0	0	0	13
QC, Montreal	Russia, Murmansk	30330	0	1	0	9
QC, Montreal	Russia, Murmansk	31929	0	50	0	0
QC, Montreal	Russia, Murmansk	31951	0	21	0	0
QC, Montreal	Russia, Murmansk	33111	0	9	0	0
QC, Montreal	Russia, Murmansk	33209	0	19	0	0
QC, Montreal	Russia, Murmansk	30999	0	11	0	0
QC, Montreal	Russia, Murmansk	34221	0	19	0	0
QC, Montreal	Russia, Murmansk	35811	0	19	0	0

QC, Montreal	Russia, Murmansk	6101	0	23	0	0
QC, Montreal	Russia, Murmansk	39019	0	13	0	157
QC, Montreal	Russia, Murmansk	40210	0	3	0	0
QC, Montreal	Russia, Murmansk	40999	0	107	0	0
QC, Montreal	Iceland, not specified	25020	0	10	0	0
QC, Sept-Iles	Iceland, Grundartangi	14100	8,459	0	0	0
QC, Valleyfield	Greenland, Thule	42390	284	0	0	0
	Total cargo volumes		48,160	44,595	286,000	24,757

Appendix 3.7. Annual cargo movements between Canadian ports in temperate waters and international ports in temperate coldwaters between 1997 and 2003. Commodity codes are listed in Appendix 2. Non-containerized and containerized cargo loads are reported in tonnes.

1997	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Fraser River	U.S., Ketchikan, AK	5201	0	0	18	0
BC, Fraser River	U.S., not specified, AK	41120	0	0	3,337	0
BC, Gold River	U.S., Ketchikan, AK	25020	0	0	13,484	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	3,538	0
BC, Howe Sound	U.S., not specified, AK	27120	0	0	5,102	0
BC, Nanaimo	U.S., Ketchikan, AK	25020	0	0	33,923	0
BC, Nanaimo	U.S., Ketchikan, AK	26100	0	0	8,407	0
BC, Nanaimo	U.S., not specified, AK	25020	0	0	22,457	0
BC, Nanaimo	U.S., not specified, AK	26212	0	0	5,062	0
BC, Port Alice	U.S., Ketchikan, AK	25020	0	0	61,028	0
BC, Port Alice	U.S., Ketchikan, AK	34991	0	0	581	0
BC, Port Alice	U.S., not specified, AK	25020	0	0	8,706	0
BC, Port Hardy	U.S., Ketchikan, AK	5201	0	0	13	0
BC, Port Mellon	U.S., Ketchikan, AK	26100	0	0	5,000	0
BC, Port Simpson	U.S., Ketchikan, AK	5201	0	0	225	0
BC, Powell River	U.S., Ketchikan, AK	25020	0	0	106,536	0
BC, Powell River	U.S., Ketchikan, AK	27120	0	0	59,853	0
BC, Powell River	U.S., not specified, AK	25020	0	0	44,882	0
BC, Powell River	U.S., not specified, AK	26100	0	0	4,400	0
BC, Powell River	U.S., not specified, AK	27120	0	0	189,103	0
BC, Powell River	U.S., Wrangell, AK	27120	0	0	10,000	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	6,517	0
BC, Prince Rupert	U.S., Ketchikan, AK	25202	0	0	954	0
BC, Prince Rupert	U.S., Ketchikan, AK	25204	0	0	528	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	0	0	43,805	0
BC, Prince Rupert	U.S., Ketchikan, AK	26100	0	0	6,531	0
BC, Prince Rupert	U.S., Ketchikan, AK	28029	0	0	12	0
BC, Prince Rupert	U.S., Ketchikan, AK	32300	1,244	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	33999	0	0	10	0
BC, Prince Rupert	U.S., Ketchikan, AK	34330	0	0	4	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	989	0
BC, Prince Rupert	U.S., Skagway, AK	41120	0	0	454	0
BC, Vancouver	U.S., Ketchikan, AK	17100	301	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	6,164	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	25020	0	0	56,074	0
BC, Vancouver	U.S., Ketchikan, AK	27120	0	0	3,780	0
BC, Vancouver	U.S., Ketchikan, AK	34999	500	0	0	0
BC, Vancouver	Norway, not specified	8200	0	0	0	23
BC, Vancouver	Norway, not specified	42390	0	0	0	10
BC, Vancouver	U.S., not specified, AK	14993	0	0	23,028	0
BC, Vancouver	U.S., not specified, AK	14994	0	0	301,710	0
BC, Vancouver	U.S., not specified, AK	18000	2,055	0	0	0
BC, Vancouver	U.S., not specified, AK	22041	16,500	0	0	0
BC, Vancouver	U.S., not specified, AK	25020	4,902	0	9,563	0
BC, Vancouver	U.S., not specified, AK	27120	0	0	11,672	0
BC, Vancouver	Norway, Oslo	33999	0	0	0	34
BC, Vancouver	Norway, Oslo	42390	0	0	0	128
BC, Vancouver	U.S., Skagway, AK	17100	8,016	0	0	0
BC, Vancouver	U.S., Skagway, AK	17200	12,648	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	13,008	0	0	0
BC, Vancouver	U.S., Skagway, AK	19100	7,826	0	0	0
BC, Vancouver	U.S., Skagway, AK	19201	6,010	0	0	0
BC, Vancouver	U.S., Skagway, AK	19209	15,834	0	0	0

BC, Vancouver	U.S., Skagway, AK	19330	2	0	0	0
BC, Victoria	U.S., Juneau, AK	12020	7,257	0	0	0
BC, Watson Island	U.S., not specified, AK	27120	5,544	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	3,879,114	0
NB, Saint John	Norway, Stavanger	16000	0	0	292,071	0
NL, Argentia	Norway, not specified	5201	0	0	512	0
NL, Argentia	Norway, not specified	25202	0	0	3,922	0
NL, Argentia	Norway, not specified	25204	805	0	0	0
NL, Harbour Grace	Norway, Aalesund	25202	0	0	790	0
NL, Harbour Grace	Norway, Bergen	25202	0	0	206	0
NL, Harbour Grace	Norway, not specified	25202	0	165	1,804	0
NL, Harbour Grace	Norway, not specified	25204	1,074	0	0	0
NL, Roddickton	Norway, not specified	12020	5,587	0	0	0
NS, Halifax	Norway, Aalesund	24224	0	0	0	5
NS, Halifax	Norway, not specified	25202	0	24	0	26
NS, Halifax	Norway, not specified	25204	0	40	0	0
NS, Halifax	Norway, not specified	16000	0	0	1,602,518	0
NS, Halifax	Norway, not specified	20269	0	0	0	7
NS, Halifax	Norway, not specified	24224	0	2	0	0
NS, Halifax	Norway, not specified	27120	0	10	0	0
NS, Halifax	Norway, not specified	30200	0	0	0	9
NS, Halifax	Norway, not specified	30310	0	0	0	3
NS, Halifax	Norway, not specified	31299	0	0	0	18
NS, Halifax	Norway, not specified	34999	0	0	0	7
NS, Halifax	Norway, Oslo	4199	0	0	0	33
NS, Halifax	Norway, Oslo	25202	0	22	0	0
NS, Halifax	Norway, Oslo	5203	0	0	0	19
NS, Halifax	Norway, Oslo	25204	0	175	0	40
NS, Halifax	Norway, Oslo	7719	0	0	0	21
NS, Halifax	Norway, Oslo	28099	0	48	0	15
NS, Halifax	Norway, Oslo	30200	0	9	0	0
NS, Halifax	Norway, Oslo	30310	0	3	0	3
NS, Halifax	Norway, Oslo	31931	0	0	0	8
NS, Halifax	Norway, Oslo	34999	0	5	0	73
NS, Halifax	Norway, Oslo	35995	0	0	0	5
NS, Halifax	Norway, Oslo	36101	0	2	0	0
NS, Halifax	Norway, Oslo	36409	0	4	0	0
NS, Halifax	Norway, Oslo	37102	0	7	0	0
NS, Halifax	Norway, Oslo	40999	0	0	0	9
NS, Halifax	Norway, Oslo	42390	0	23	0	7
NS, Louisburg	Norway, not specified	5203	0	0	998	0
NS, North Sydney	Norway, not specified	25202	0	0	385	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	4,776,383	0
NS, Shelburne	Norway, not specified	25202	0	0	4,612	0
NS, Shelburne	Norway, not specified	5203	0	0	173	0
NS, Shelburne	Norway, not specified	5310	0	0	0	2
NS, Shelburne	Norway, not specified	5320	0	0	5	0
NS, Yarmouth	Norway, Aalesund	25202	0	0	36	0
NS, Yarmouth	Norway, not specified	5201	0	0	556	0
NS, Yarmouth	Norway, not specified	25202	0	0	43	0
ON, Clarkson	Norway, not specified	19100	2,100	0	0	0
ON, Hamilton	Norway, not specified	32101	0	0	2,000	0
ON, Oakville	Norway, not specified	17100	0	0	14,434	0
ON, Thunder Bay	Norway, not specified	2100	18,625	0	0	0
ON, Thunder Bay	Norway, not specified	3502	15,277	0	0	0
ON, Thunder Bay	Norway, Stavanger	2100	39,599	0	0	0
PE, Charlottetown	Norway, Drammen	3100	2,602	0	0	0
PE, Charlottetown	Norway, Drammen	28029	11	0	0	0
PE, Charlottetown	Norway, not specified	3100	3,157	0	0	0
PE, Charlottetown	Norway, not specified	28029	11	0	0	0

PE, Summerside	Norway, not specified	3100	3,508	0	0	0
QC, Gaspe	Norway, not specified	25202	0	0	784	0
QC, Montreal	Norway, Bergen	2100	0	19	0	0
QC, Montreal	Norway, Bergen	41130	0	0	7,046	0
QC, Montreal	Norway, not specified	14910	61,822	0	0	0
QC, Montreal	Norway, not specified	14996	0	0	6,146	0
QC, Montreal	Norway, not specified	17100	0	0	50,176	0
QC, Montreal	Norway, not specified	25020	0	42	0	0
QC, Montreal	Norway, not specified	35110	0	13	0	0
QC, Montreal	Norway, not specified	35400	0	13	0	0
QC, Montreal	Norway, not specified	35999	0	0	3,539	0
QC, Montreal	Norway, Oslo	14996	0	0	12,603	0
QC, Montreal	Norway, Oslo	25020	0	21	0	0
QC, Montreal	Norway, Oslo	26221	0	45	0	0
QC, Port-Cartier	Norway, not specified	3400	7,395	0	0	0
QC, Quebec	Norway, Kristiansund	32492	15,329	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,173,793	136,599
QC, Quebec	Norway, not specified	17100	0	0	5,800	0
QC, Quebec	Norway, not specified	23300	0	0	1	0
QC, Sorel	Norway, Kristiansund	32102	18,903	0	0	0
QC, Sorel	Norway, Kristiansund	41110	30,968	0	0	0
QC, Sorel	Norway, not specified	3400	63,000	0	0	0
QC, Sorel	Norway, not specified	32102	4,000	0	0	0
QC, Sorel	Norway, not specified	32300	0	0	2,154	0
QC, Trois-Rivieres	Norway, not specified	3400	9,470	0	0	0
	Total cargo volumes		411,054	692	14,893,890	137,104

1998	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Beaver Cove	U.S., Sitka, AK	34999	1	0	0	0
BC, Campbell River	U.S., Ketchikan, AK	25020	0	0	13,468	0
BC, Campbell River	U.S., Wrangell, AK	26100	0	0	1,009	0
BC, Crofton	U.S., Wrangell, AK	26100	0	0	2,885	0
BC, Dinan Bay	U.S., not specified, AK	25020	2,503	0	0	0
BC, Esquimalt	Norway, not specified	37310	0	0	100	0
BC, Fraser River	Norway, not specified	42390	0	1	0	0
BC, Fraser River	U.S., Juneau, AK	31959	204	0	0	0
BC, Fraser River	Norway, Oslo	20430	0	21	0	0
BC, Gold River	U.S., not specified, AK	25020	0	0	4,875	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	9,663	0
BC, Howe Sound	U.S., Ketchikan, AK	26100	0	0	5,842	0
BC, Howe Sound	U.S., not specified, AK	25020	0	0	23,235	0
BC, Howe Sound	U.S., not specified, AK	26100	0	0	907	0
BC, Howe Sound	U.S., Wrangell, AK	25020	0	0	10,000	0
BC, Howe Sound	U.S., Wrangell, AK	26100	0	0	851	0
BC, Kitimat	U.S., Ketchikan, AK	25020	2,683	0	0	0
BC, Kitimat	U.S., not specified, AK	27200	4,345	0	0	0
BC, Masset	U.S., not specified, AK	25020	2,928	0	0	0
BC, Nanaimo	U.S., Ketchikan, AK	26100	0	0	25,316	0
BC, Nanaimo	U.S., not specified, AK	26212	0	0	620	0
BC, Port Alberni	U.S., Ketchikan, AK	25020	0	0	30,841	0
BC, Port Alberni	U.S., not specified, AK	25020	0	0	41,073	0
BC, Port Alice	U.S., Ketchikan, AK	34519	0	0	205	0
BC, Port Alice	U.S., Ketchikan, AK	34999	0	0	1,089	0
BC, Port Clements	U.S., Ketchikan, AK	34519	0	0	136	0
BC, Port Hardy	U.S., Wrangell, AK	5201	0	0	585	0
BC, Port Mellon	U.S., Ketchikan, AK	26100	771	0	13,607	0
BC, Port Mellon,	U.S., not specified, AK	25020	0	0	19,351	0
BC, Powell River	U.S., Ketchikan, AK	25020	0	0	123,928	0

BC, Powell River	U.S., Ketchikan, AK	27120	0	0	70,000	0
BC, Powell River	U.S., not specified, AK	25020	0	0	48,964	0
BC, Powell River	U.S., not specified, AK	27120	0	0	10,000	0
BC, Powell River	U.S., Wrangell, AK	26100	0	0	3,230	0
BC, Powell River	U.S., Wrangell, AK	27120	0	0	10,000	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	16,617	0
BC, Prince Rupert	U.S., Ketchikan, AK	5202	0	0	9	0
BC, Prince Rupert	U.S., Ketchikan, AK	5204	0	0	172	0
BC, Prince Rupert	U.S., Ketchikan, AK	23902	157	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	26100	0	0	16,029	0
BC, Prince Rupert	U.S., Ketchikan, AK	34519	0	0	45	0
BC, Prince Rupert	U.S., Metlakatla, AK	5201	0	0	340	0
BC, Prince Rupert	U.S., not specified, AK	5201	0	0	79	0
BC, Prince Rupert	U.S., not specified, AK	11010	2,025	0	0	0
BC, Prince Rupert	U.S., not specified, AK	25020	0	0	15,316	0
BC, Prince Rupert	U.S., not specified, AK	31100	2,508	0	0	0
BC, Prince Rupert	U.S., Petersburg, AK	5201	0	0	848	0
BC, Prince Rupert	U.S, Sitka, AK	5201	0	0	2,364	0
BC, Prince Rupert	U.S., Wrangell, AK	5201	0	0	181	0
BC, Prince Rupert	U.S., Wrangell, AK	14999	0	0	904	0
BC, Squamish	U.S., not specified, AK	25020	0	0	5,663	0
BC, Vancouver	Norway, Bergen	4120	0	0	0	55
BC, Vancouver	U.S., Juneau, AK	14993	0	0	7,418	0
BC, Vancouver	U.S., Juneau, AK	14994	0	0	9,816	0
BC, Vancouver	U.S., Ketchikan, AK	17100	2,587	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17200	2,526	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	6,968	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	19209	5,278	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	25020	0	0	10,082	0
BC, Vancouver	Norway, not specified	4120	0	0	0	133
BC, Vancouver	Norway, not specified	5112	0	0	0	0
BC, Vancouver	Norway, not specified	5202	0	0	0	19
BC, Vancouver	Norway, not specified	10020	0	0	0	100
BC, Vancouver	Norway, not specified	13910	30,441	0	0	0
BC, Vancouver	Norway, not specified	24399	0	0	0	85
BC, Vancouver	Norway, not specified	26909	0	0	0	0
BC, Vancouver	Norway, not specified	37310	0	0	22	0
BC, Vancouver	Norway, not specified	41299	0	0	0	37
BC, Vancouver	Norway, not specified	42390	0	0	0	52
BC, Vancouver	U.S., not specified, AK	14993	0	0	18,393	0
BC, Vancouver	U.S., not specified, AK	14994	0	0	18,598	0
BC, Vancouver	U.S., not specified, AK	17200	14,794	0	0	0
BC, Vancouver	U.S., not specified, AK	25020	5,855	0	52,373	0
BC, Vancouver	U.S., not specified, AK	26100	12,735	0	0	0
BC, Vancouver	Norway, Oslo	7120	0	0	0	43
BC, Vancouver	Norway, Oslo	24399	0	0	0	76
BC, Vancouver	Norway, Oslo	34520	0	0	0	57
BC, Vancouver	U.S., Petersburg, AK	25020	0	0	8,972	0
BC, Vancouver	U.S., Skagway, AK	17100	23,923	0	0	0
BC, Vancouver	U.S., Skagway, AK	17200	5,310	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	26,221	0	0	0
BC, Vancouver	U.S., Skagway, AK	19201	11,192	0	0	0
BC, Vancouver	U.S., Skagway, AK	19209	930	0	0	0
BC, Vancouver	Norway, Stavanger	33999	0	0	0	4
BC, Vancouver	Norway, Stavanger	34999	0	0	0	32
BC, Vancouver	U.S., Wrangell, AK	26100	0	0	890	0
BC, Victori	U.S., Juneau, AK	12020	10,886	0	0	0
BC, Victoria	U.S., not specified, AK	11010	1,361	0	0	0
BC, Victoria	U.S., Sitka, AK	12020	6,350	0	0	0
BC, Watson Island	U.S., not specified, AK	27120	8,656	0	0	0

NB, Belledune	Norway, Odda	14994	15,416	0	0	0
NB, Belledune	Norway, Oslo	14994	10,508	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	3,455,937	0
NB, Saint John	Norway, Stavanger	16000	0	0	134,677	0
NL, Argentia	Norway, not specified	5202	0	0	816	0
NL, Argentia	Norway, not specified	5204	5	0	0	0
NL, Bay Roberts	Norway, not specified	5202	0	0	2,568	0
NL, Harbour Grace	Norway, not specified	5202	173	0	1,620	0
NL, Harbour Grace	Norway, not specified	5204	1,508	0	0	0
LN, Harbour Grace	Norway, not specified	40220	2	0	0	0
NL, Holyrood	Norway, not specified	17100	0	0	38,887	0
NL, Offshore	Norway, Stavanger	16000	81,632	0	0	0
NS, Halifax	Norway, Aalesund	24224	0	0	0	4
NS, Halifax	Norway, Aalesund	34999	0	0	0	29
NS, Halifax	Norway, Bergen	4110	0	0	0	51
NS, Halifax	Norway, Bergen	4192	0	23	0	0
NS, Halifax	Norway, Bergen	30200	0	4	0	17
NS, Halifax	Norway, Bergen	30391	0	2	0	3
NS, Halifax	Norway, Bergen	34999	0	0	0	11
NS, Halifax	Norway, Bergen	35110	0	0	0	15
NS, Halifax	Norway, Kristiansund	37310	0	0	0	5
NS, Halifax	Norway, not specified	5202	0	22	0	0
NS, Halifax	Norway, not specified	16000	0	0	1,194,786	0
NS, Halifax	Norway, not specified	33111	0	7	0	0
NS, Halifax	Norway, not specified	34999	0	0	0	14
NS, Halifax	Norway, Oslo	3100	0	302	0	0
NS, Halifax	Norway, Oslo	4199	0	0	0	18
NS, Halifax	Norway, Oslo	4290	0	20	0	0
NS, Halifax	Norway, Oslo	5202	0	40	0	0
NS, Halifax	Norway, Oslo	5204	0	25	0	0
NS, Halifax	Norway, Oslo	5310	0	18	0	0
NS, Halifax	Norway, Oslo	20269	0	23	0	0
NS, Halifax	Norway, Oslo	26212	0	0	0	10
NS, Halifax	Norway, Oslo	26901	0	4	0	0
NS, Halifax	Norway, Oslo	28099	0	192	0	7
NS, Halifax	Norway, Oslo	30200	0	3	0	0
NS, Halifax	Norway, Oslo	33999	0	6	0	18
NS, Halifax	Norway, Oslo	34421	0	34	0	0
NS, Halifax	Norway, Oslo	34999	0	16	0	10
NS, Halifax	Norway, Oslo	35995	0	2	0	0
NS, Halifax	Norway, Oslo	37102	0	8	0	0
NS, Halifax	Norway, Oslo	40999	0	22	0	2
NS, Halifax	Norway, Oslo	42390	0	21	0	0
NS, Halifax	Norway, Stavanger	33993	0	16	0	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	4,965,916	0
NS, Sheet Harbour	Norway, not specified	4120	0	0	2,132	0
NS, Shelburne	Norway, not specified	4290	0	0	49	0
NS, Shelburne	Norway, not specified	5202	135	0	2,690	0
NS, Shelburne	Norway, not specified	5203	0	0	1,872	0
NS, Shelburne	Norway, not specified	5204	0	18	0	0
NS, Shelburne	Norway, not specified	5320	0	0	164	0
NS, Yarmouth	Norway, Aalesund	5202	0	0	34	0
NS, Yarmouth	Norway, not specified	5201	0	0	58	0
NS, Yarmouth	Norway, not specified	5202	0	0	1,282	287
NS, Yarmouth	Norway, not specified	5203	0	0	5,285	0
NS, Yarmouth	Norway, not specified	5310	0	0	42	0
NS, Yarmouth	Norway, not specified	5320	4	0	246	0
NS, Yarmouth	Norway, not specified	37310	0	0	0	54
ON, Clarkson	Norway, not specified	19100	5,000	0	0	0
ON, Hamilton	Norway, not specified	17100	0	0	13,658	0

ON, Hamilton	Norway, not specified	20242	0	0	300	0
ON, Hamilton	Norway, not specified	32101	0	0	8,650	0
PE, Summerside	Norway, Drammen	3100	1,108	0	0	0
PE, Summerside	Norway, not specified	3100	285	0	0	0
QC, Chicoutimi	Norway, Drammen	27200	3,000	0	0	0
QC, Montreal	Norway, Bergen	42390	0	19	0	0
QC, Montreal	Norway, not specified	14996	0	0	4,732	0
QC, Montreal	Norway, not specified	17100	0	0	107,777	0
QC, Montreal	Norway, not specified	20300	0	0	1,886	0
QC, Montreal	Norway, not specified	32102	0	0	672	0
QC, Montreal	Norway, not specified	32300	0	0	653	0
QC, Montreal	Norway, not specified	33993	0	0	653	0
QC, Montreal	Norway, Oslo	5202	0	20	0	0
QC, Montreal	Norway, Oslo	5320	0	19	0	0
QC, Montreal	Norway, Oslo	20259	0	0	0	98
QC, Montreal	Norway, Oslo	21000	0	7	0	0
QC, Montreal	Norway, Oslo	23909	0	7	0	0
QC, Montreal	Norway, Oslo	25020	0	148	0	0
QC, Montreal	Norway, Oslo	26212	0	21	0	0
QC, Montreal	Norway, Oslo	35400	0	8	0	0
QC, Montreal	Norway, Oslo	42390	0	18	0	0
QC, Montreal	Norway, Stavanger	34110	0	32	0	0
QC, Montreal	Norway, Stavanger	34999	193	54	0	0
QC, Montreal	Norway, Stavanger	42390	12	0	0	0
QC, Port-Cartier	Norway, not specified	2100	6,050	0	0	0
QC, Quebec	Norway, Kristiansund	32492	99,831	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	2,857,837	0
QC, Quebec	Norway, not specified	17100	0	0	21,027	0
QC, Sorel	Norway, Kristiansund	32102	12,164	0	0	0
QC, Sorel	Norway, not specified	3400	64,500	0	0	0
QC, Trois-Rivieres	Norway, not specified	42390	0	0	23	0
	Total cargo volumes		495,644	1,203	13,483,840	1,346

1999	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Campbell River	U.S., Wrangell, AK	26100	0	0	5,900	0
BC, Crofton	U.S., not specified, AK	26212	0	0	1,436	0
BC, Crofton	Norway, not specified	34999	0	0	4	0
BC, Crofton	U.S., Wrangell, AK	26100	0	0	35,035	0
BC, Fraser River	U.S. Ketchikan, AK	20269	0	2,759	0	0
BC, Fraser River	U.S. Ketchikan, AK	20509	0	1,762	0	0
BC, Fraser River	U.S. Ketchikan, AK	33999	0	1,844	0	0
BC, Fraser River	U.S. Ketchikan, AK	36360	163	0	0	0
BC, Fraser River	Norway, Oslo	26212	0	12	0	0
BC, Fraser River	Norway, Oslo	42390	0	3	0	0
BC, Fraser River	U.S., Sitka, AK	5201	0	0	19	0
BC, Fraser River	U.S., Skagway, AK	41120	0	0	6,722	0
BC, Fraser River	Norway, Stavanger	34920	0	0	0	19
BC, Fraser River	Norway, Trondheim	24213	0	0	0	34
BC, Howe Sound	U.S. Ketchikan, AK	25020	0	0	16,250	0
BC, Howe Sound	U.S. Ketchikan, AK	26100	0	0	16,057	0
BC, Howe Sound	U.S., Wrangell, AK	25020	0	0	730	0
BC, Howe Sound	U.S., Wrangell, AK	26100	0	0	2,775	0
BC, Jervis Inlet	U.S. Ketchikan, AK	12020	4,000	0	0	0
BC, Port Alberni	U.S., not specified, AK	25020	0	0	24,243	0
BC, Port Hardy	U.S. Ketchikan, AK	5201	0	0	447	0
BC, Port Hardy	U.S. Ketchikan, AK	25020	0	0	17,271	0
BC, Port Hardy	U.S., Wrangell, AK	5201	0	0	367	0
BC, Port Mellon	U.S. Ketchikan, AK	25091	0	0	1,500	0

BC, ort Mellon	U.S. Ketchikan, AK	26100	0	0	10,701	0
BC, Port Simpson	U.S. Ketchikan, AK	5201	0	0	611	0
BC, Port Simpson	U.S., not specified, AK	5201	0	0	25	0
BC, Powell River	U.S. Ketchikan, AK	25020	0	0	64,862	0
BC, Powell River	U.S. Ketchikan, AK	25091	0	0	21,227	0
BC, Powell River	U.S. Ketchikan, AK	26100	0	0	1,804	0
BC, Powell River	U.S. Ketchikan, AK	12020	3,589	0	0	0
BC, Powell River	U.S., not specified, AK	18000	0	0	1,500	0
BC, Powell River	U.S., not specified, AK	25020	0	0	108,339	0
BC, Powell River	U.S., not specified, AK	25091	0	0	1,500	0
BC, Powell River	U.S., Wrangell, AK	25020	0	0	12,067	0
BC, Prince Rupert	U.S. Ketchikan, AK	5201	0	0	21,876	8
BC, Prince Rupert	U.S. Ketchikan, AK	18000	0	0	1,471	0
BC, Prince Rupert	U.S. Ketchikan, AK	25020	0	0	9,291	0
BC, Prince Rupert	U.S. Ketchikan, AK	25091	0	0	10,010	0
BC, Prince Rupert	U.S. Ketchikan, AK	26100	0	0	62,513	0
BC, Prince Rupert	U.S. Ketchikan, AK	34519	0	0	350	0
BC, Prince Rupert	U.S. Metlakatla, AK	5201	0	0	565	0
BC, Prince Rupert	U.S., not specified, AK	5201	0	0	831	0
BC, Prince Rupert	U.S., not specified, AK	25020	12,904	0	1,595	0
BC, Prince Rupert	U.S. Petersburg, AK	5201	0	0	506	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	3,398	0
BC, Prince Rupert	U.S., Wrangell, AK	5201	0	0	676	0
BC, Prince Rupert	U.S., Wrangell, AK	33209	34	0	0	0
BC, Vancouver	Norway, Bergen	32300	0	0	0	47
BC, Vancouver	U.S., Juneau, AK	14993	0	0	11,007	0
BC, Vancouver	U.S., Juneau, AK	14994	0	0	10,356	0
BC, Vancouver	U.S., Juneau, AK	12020	2,268	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	25020	0	0	58,428	0
BC, Vancouver	U.S. Ketchikan, AK	13109	822	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	17100	4,644	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	17200	3,574	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	18000	22,839	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	19201	3,048	0	0	0
BC, Vancouver	U.S. Ketchikan, AK	19209	697	0	0	0
BC, Vancouver	U.S., Metlakatla, AK	25020	10,000	0	0	0
BC, Vancouver	U.S., not specified, AK	5201	0	0	340	0
BC, Vancouver	U.S., not specified, AK	14993	0	0	18,899	0
BC, Vancouver	U.S., not specified, AK	14994	0	0	203,503	0
BC, Vancouver	U.S., not specified, AK	25020	6,763	5,217	25,904	0
BC, Vancouver	U.S., not specified, AK	3221	5,000	0	0	0
BC, Vancouver	U.S., not specified, AK	34920	23	0	0	0
BC, Vancouver	U.S., not specified, AK	2100	9,900	0	0	0
BC, Vancouver	U.S., not specified, AK	4110	157	0	0	0
BC, Vancouver	U.S., not specified, AK	4290	197	0	0	0
BC, Vancouver	U.S., not specified, AK	17100	54,109	0	0	0
BC, Vancouver	U.S., not specified, AK	22090	4,134	0	0	0
BC, Vancouver	U.S., not specified, AK	33209	2	0	0	0
BC, Vancouver	U.S., not specified, AK	36101	1	0	0	0
BC, Vancouver	Norway, not specified	5202	0	0	0	38
BC, Vancouver	Norway, not specified	20509	0	0	0	17
BC, Vancouver	Norway, not specified	37310	0	0	16	0
BC, Vancouver	Norway, Oslo	24224	0	0	0	37
BC, Vancouver	Norway, Oslo	24399	0	0	0	176
BC, Vancouver	Norway, Oslo	33999	0	0	0	3
BC, Vancouver	Norway, Oslo	34519	0	0	0	57
BC, Vancouver	Norway, Oslo	37230	0	0	0	1
BC, Vancouver	U.S., Skagway, AK	17100	20,509	0	0	0
BC, Vancouver	U.S., Skagway, AK	17200	3,719	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	21,774	0	0	0

BC, Vancouver	U.S., Skagway, AK	19201	4,494	0	0	0
BC, Vancouver	U.S., Skagway, AK	19209	697	0	0	0
BC, Vancouver	U.S., Skagway, AK	36310	1,481	0	0	0
BC, Vancouver	Norway, Stavanger	28099	0	0	0	9
BC, Vancouver	Norway, Stavanger	34920	0	0	0	23
BC, Vancouver	Norway, Stavanger	42390	0	0	0	2
BC, Vancouver	Norway, Stavanger	2100	39,600	0	0	0
BC, Vancouver	U.S., Wrangell, AK	26212	0	0	717	0
BC, Victoria	U.S., Juneau, AK	12020	2,540	0	0	0
BC, Victoria	U.S. Ketchikan, AK	12020	8,000	0	0	0
BC, Woodfibre	U.S., Wrangell, AK	26100	0	0	10,238	0
NB, Belledune	Norway, Odda	14994	31,720	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	4,425,312	0
NB, Saint John	Norway, Stavanger	16000	0	0	535,196	0
NL, Bay Roberts	Norway, not specified	5202	0	0	342	0
NL, Corner Brook	Norway, not specified	5202	0	0	56	0
NL, Dildo	Norway, not specified	7410	4,159	0	0	0
NL, Harbour Grace	Norway, not specified	5204	200	0	0	0
NL, Harbour Grace	Norway, not specified	5202	0	0	26	0
NL, Holyrood	Norway, not specified	17100	0	0	46,775	0
NL, St. John's	Norway, not specified	35400	38	0	0	0
NS, Halifax	Norway, Aalesund	5202	0	0	0	27
NS, Halifax	Norway, Aalesund	24224	0	0	0	2
NS, Halifax	Norway, Aalesund	33111	0	0	0	16
NS, Halifax	Norway, Aalesund	34999	0	0	0	28
NS, Halifax	Norway, Aalesund	35995	0	0	0	7
NS, Halifax	Norway, Aalesund	37310	0	0	0	9
NS, Halifax	Norway, Aalesund	40999	0	0	0	4
NS, Halifax	Norway, Bergen	21000	0	0	0	19
NS, Halifax	Norway, Bergen	30399	0	0	0	25
NS, Halifax	Norway, Bergen	33999	0	0	0	76
NS, Halifax	Norway, Bergen	34999	0	0	0	132
NS, Halifax	Norway, Bergen	37310	0	0	0	30
NS, Halifax	Norway, Bergen	36101	0	6	0	0
NS, Halifax	Norway, Bergen	24224	0	11	0	0
NS, Halifax	Norway, Kirstiansund	34999	0	0	0	38
NS, Halifax	Norway, Kirstiansund	37310	0	0	0	25
NS, Halifax	Norway, Kirstiansund	5202	0	21	0	0
NS, Halifax	Norway, not specified	16000	0	0	1,345,928	0
NS, Halifax	Norway, not specified	17100	0	0	17,379	0
NS, Halifax	Norway, not specified	35400	0	0	0	20
NS, Halifax	Norway, not specified	35995	0	0	0	7
NS, Halifax	Norway, not specified	40999	0	0	0	15
NS, Halifax	Norway, not specified	33111	0	21	0	263
NS, Halifax	Norway, not specified	33999	0	17	0	1,618
NS, Halifax	Norway, not specified	31229	0	20	0	0
NS, Halifax	Norway, Oslo	4199	0	0	0	33
NS, Halifax	Norway, Oslo	31931	0	0	0	17
NS, Halifax	Norway, Oslo	24224	0	11	0	3
NS, Halifax	Norway, Oslo	34999	0	43	0	56
NS, Halifax	Norway, Oslo	35995	0	7	0	7
NS, Halifax	Norway, Oslo	5202	0	10	0	0
NS, Halifax	Norway, Oslo	5204	0	70	0	0
NS, Halifax	Norway, Oslo	20269	0	19	0	0
NS, Halifax	Norway, Oslo	23202	0	7	0	0
NS, Halifax	Norway, Oslo	26212	0	184	0	0
NS, Halifax	Norway, Oslo	28099	0	35	0	0
NS, Halifax	Norway, Oslo	40999	0	15	0	0
NS, Halifax	Norway, Oslo	42390	0	37	0	0
NS, Halifax	Norway, Trondheim	24224	0	0	0	49

NS, Port Hawkesbury	Norway, not specified	16000	0	0	2,680,418	0
NS, Port Hawkesbury	Norway, Stavanger	16000	0	0	150,636	0
NS, Shelburne	Norway, not specified	4199	0	0	105	0
NS, Shelburne	Norway, not specified	5201	0	0	149	0
NS, Shelburne	Norway, not specified	5202	0	0	3,968	0
NS, Shelburne	Norway, not specified	5203	0	0	1,434	0
NS, Yarmouth	Norway, Aalesund	5201	0	0	5	0
NS, Yarmouth	Norway, Aalesund	5202	0	0	19	0
NS, Yarmouth	Norway, not specified	5202	12	0	697	0
NS, Yarmouth	Norway, not specified	36359	1	0	0	0
NS, Yarmouth	Norway, not specified	37310	1	0	0	0
NS, Yarmouth	Norway, not specified	5203	0	0	599	0
ON, Hamilton	Norway, not specified	32101	0	0	3,200	0
PE, Summerside	Norway, Drammen	3100	1,930	0	0	0
PE, Summerside	Norway, not specified	3100	7,331	0	0	0
QC, Chicoutimi	Norway, not specified	11010	9,500	0	0	0
QC, Montreal	Norway, not specified	7429	0	0	4,185	0
QC, Montreal	Norway, not specified	14996	0	0	13,017	0
QC, Montreal	Norway, not specified	17100	0	0	111,853	0
QC, Montreal	Norway, not specified	20259	0	0	253	0
QC, Montreal	Norway, not specified	24224	0	0	0	7
QC, Montreal	Norway, not specified	27410	0	0	0	25
QC, Montreal	Norway, not specified	30391	0	0	0	19
QC, Montreal	Norway, Oslo	22020	0	0	16,602	0
QC, Montreal	Norway, Oslo	42390	0	33	0	2
QC, Montreal	Norway, Oslo	24224	0	19	0	0
QC, Montreal	Norway, Oslo	25020	0	130	0	0
QC, Montreal	Norway, Oslo	26212	0	17	0	0
QC, Montreal	Norway, Oslo	27120	0	69	0	0
QC, Montreal	Norway, Oslo	35110	0	13	0	0
QC, Montreal	Norway, Oslo	3504	0	110	0	0
QC, Port-Alfred	Norway, Drammen	27200	4,526	0	0	0
QC, Port-Alfred	Norway, Oslo	27200	3,020	0	0	0
QC, Quebec	Norway, Kirstiansund	32492	97,123	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,573,894	0
QC, Quebec	Norway, not specified	17100	0	0	7,535	0
QC, Quebec	Norway, not specified	20410	0	0	5,222	0
QC, Sorel	Norway, Kirstiansund	32102	10,116	0	0	0
QC, Sorel	Norway, Kirstiansund	41110	3,018	0	0	0
QC, Trois-Rivieres	Norway, not specified	2100	4,435	0	0	0
	Total cargo volumes		428,812	12,522	13,748,687	3,050

2000	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Beale Cove	U.S., Ketchikan, AK	12019	454	0	0	0
BC, Bella Coola	U.S., Ketchikan, AK	5201	0	0	122	0
BC, Bella Coola	U.S., Sitka, AK	5201	0	0	36	0
BC, Blubber Bay	U.S., Ketchikan, AK	12019	10,000	0	0	0
BC, Campbell River	U.S., Wrangell, AK	26100	0	0	1,500	0
BC, Crofton	U.S., Wrangell, AK	25020	0	0	1,210	0
BC, Crofton	U.S., Wrangell, AK	26100	0	0	17,633	0
BC, Fraser River	Norway, Aalesund	5202	0	72	0	0
BC, Fraser River	U.S., Juneau, AK	20269	0	3,819	0	0
BC, Fraser River	U.S., Juneau, AK	20410	0	109	0	0
BC, Fraser River	U.S., Juneau, AK	20509	0	1,131	0	0
BC, Fraser River	U.S., Juneau, AK	22020	0	69	0	0
BC, Fraser River	U.S., Juneau, AK	24390	0	37	0	0
BC, Fraser River	U.S., Juneau, AK	24221	0	16	0	0
BC, Fraser River	U.S., Juneau, AK	33111	1	0	0	0

BC, Fraser River	U.S., Juneau, AK	33340	0	14	0	0
BC, Fraser River	U.S., Juneau, AK	33999	107	985	0	0
BC, Fraser River	U.S., Juneau, AK	34520	102	0	0	0
BC, Fraser River	U.S., Juneau, AK	34999	6	72	0	0
BC, Fraser River	U.S., Juneau, AK	41120	0	0	4,082	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	45,430	0
BC, Howe Sound	U.S., Ketchikan, AK	25091	0	0	5,510	0
BC, Howe Sound	U.S., Ketchikan, AK	26100	0	0	9,737	0
BC, Nanaimo	U.S., not specified, AK	26212	0	0	736	0
BC, Nanaimo	U.S., Wrangell, AK	26100	0	0	9,216	0
BC, Port Mcneill	U.S., Ketchikan, AK	25020	0	0	180	0
BC, Port Mellon	U.S., Ketchikan, AK	25091	0	0	8,421	0
BC, Port Mellon	U.S., Ketchikan, AK	26100	0	0	12,296	0
BC, Port Simpson	U.S., Ketchikan, AK	5201	0	0	987	0
BC, Powell River	U.S., Ketchikan, AK	25020	0	0	10,151	0
BC, Powell River	U.S., Ketchikan, AK	25091	0	0	8,442	0
BC, Powell River	U.S., Ketchikan, AK	26100	0	0	5,900	0
BC, Powell River	U.S., not specified, AK	25020	0	0	222,843	0
BC, Powell River	U.S., not specified, AK	25091	0	0	2,000	0
BC, Powell River	U.S., Wrangell, AK	25020	2,394	0	30,302	0
BC, Powell River	U.S., Wrangell, AK	25091	0	0	5,200	0
BC, Prince Rupert	U.S., Juneau, AK	7410	0	0	150	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	9,742	0
BC, Prince Rupert	U.S., Ketchikan, AK	24390	82	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	0	0	24,258	0
BC, Prince Rupert	U.S., Ketchikan, AK	25091	0	0	14,546	0
BC, Prince Rupert	U.S., Ketchikan, AK	26100	0	0	91,367	0
BC, Prince Rupert	U.S., not specified, AK	25020	16,609	0	71,717	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	1,353	0
BC, Prince Rupert	U.S., Sitka, AK	20509	0	0	354	0
BC, Prince Rupert	U.S., Wrangell, AK	5201	0	0	104	0
BC, Prince Rupert	U.S., Wrangell, AK	26100	0	0	6,966	0
BC, Vancouver	Norway, Bergen	5202	0	0	0	24
BC, Vancouver	U.S., Juneau, AK	12019	0	0	389	0
BC, Vancouver	U.S., Juneau, AK	12020	5,443	0	0	0
BC, Vancouver	U.S., Juneau, AK	20269	0	0	27	0
BC, Vancouver	U.S., Juneau, AK	20410	0	0	32	0
BC, Vancouver	U.S., Ketchikan, AK	17100	8,306	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17200	7,422	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	28,057	0	1,024	0
BC, Vancouver	U.S., Ketchikan, AK	19100	1,248	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	25020	0	0	31,303	0
BC, Vancouver	U.S., Ketchikan, AK	36310	1,481	0	0	0
BC, Vancouver	Norway, not specified	5202	0	0	0	30
BC, Vancouver	Norway, not specified	7799	0	0	0	2
BC, Vancouver	Norway, not specified	19209	0	0	0	2
BC, Vancouver	Norway, not specified	20102	0	0	0	2
BC, Vancouver	Norway, not specified	20509	0	0	0	163
BC, Vancouver	Norway, not specified	22039	0	0	0	1
BC, Vancouver	Norway, not specified	34920	0	0	0	15
BC, Vancouver	U.S., not specified, AK	14993	0	0	35,060	0
BC, Vancouver	U.S., not specified, AK	14994	0	0	250,869	0
BC, Vancouver	U.S., not specified, AK	25020	0	0	26,015	0
BC, Vancouver	U.S., not specified, AK	26100	0	0	8,205	0
BC, Vancouver	U.S., not specified, AK	33999	4	0	0	0
BC, Vancouver	Norway, Oslo	40999	0	0	0	8
BC, Vancouver	U.S., Skagway, AK	17100	3,849	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	19,476	0	0	0
BC, Vancouver	U.S., Skagway, AK	19201	2,032	0	0	0
BC, Vancouver	U.S., Skagway, AK	19209	695	0	0	0

BC, Vancouver	Norway, Stavanger	28099	0	0	0	19
BC, Vancouver	Norway, Stavanger	34920	0	0	0	39
BC, Vancouver	Norway, Stavanger	36409	0	0	0	7
BC, Vancouver	U.S., Wrangell, AK	26212	0	0	3,303	0
BC, Woodfibre	U.S., Wrangell, AK	26100	0	0	18,470	0
NB, Belledune	Norway, Kristiansund	14994	5,409	0	0	0
NB, Saint John	Norway, Bergen	40920	0	0	68	0
NB, Saint John	Norway, Fredrikstad	27120	4,872	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	5,273,115	0
NL, Argentia	Norway, not specified	5202	0	0	889	0
NL, Bay Roberts	Norway, Aalesund	5202	0	0	159	0
NL, Bay Roberts	Norway, not specified	5202	0	0	2,464	0
NL, Bay Roberts	Norway, not specified	14100	0	0	4,000	0
NL, Clarenville	Norway, Bergen	34520	0	0	84	0
NL, Corner Brook	Norway, Aalesund	5202	0	0	388	0
NL, Harbour Grace	Norway, Aalesund	5204	19	0	0	0
NL, Holyrood	Norway, not specified	17100	0	0	22,514	0
NL, St. John's	Norway, not specified	12020	0	0	7,100	0
NL, St. John's	Norway, not specified	34130	0	0	79	0
NL, St. John's	Norway, not specified	34520	0	0	126	7
NL, Stephenville	Norway, Drammen	27200	2,301	0	0	0
NS, Halifax	Norway, Aalesund	5202	0	0	0	13
NS, Halifax	Norway, Aalesund	5204	0	18	0	0
NS, Halifax	Norway, Aalesund	34999	0	0	0	14
NS, Halifax	Norway, Aalesund	37310	0	0	0	3
NS, Halifax	Norway, Bergen	33999	0	9	0	0
NS, Halifax	Norway, Bergen	34999	0	0	0	16
NS, Halifax	Norway, Bergen	35110	0	12	0	0
NS, Halifax	Norway, Fredrikstad	24229	0	0	0	8
NS, Halifax	Norway, Fredrikstad	28099	0	0	0	146
NS, Halifax	Norway, Fredrikstad	33999	0	0	0	1,042
NS, Halifax	Norway, Fredrikstad	34999	0	22	0	0
NS, Halifax	Norway, Kristiansund	34999	0	0	0	4
NS, Halifax	Norway, not specified	7719	0	21	0	0
NS, Halifax	Norway, not specified	8320	0	0	0	18
NS, Halifax	Norway, not specified	16000	0	0	1,172,845	0
NS, Halifax	Norway, not specified	17200	0	0	4,507	0
NS, Halifax	Norway, not specified	34999	0	3	0	0
NS, Halifax	Norway, Oslo	3999	0	44	0	0
NS, Halifax	Norway, Oslo	4191	0	0	0	21
NS, Halifax	Norway, Oslo	5202	0	0	0	79
NS, Halifax	Norway, Oslo	7229	0	18	0	0
NS, Halifax	Norway, Oslo	24229	0	70	0	0
NS, Halifax	Norway, Oslo	25093	0	20	0	0
NS, Halifax	Norway, Oslo	27120	0	74	0	0
NS, Halifax	Norway, Oslo	27420	0	19	0	0
NS, Halifax	Norway, Oslo	28099	0	22	0	0
NS, Halifax	Norway, Oslo	32412	0	23	0	0
NS, Halifax	Norway, Oslo	33999	0	4	0	0
NS, Halifax	Norway, Oslo	34999	0	44	0	60
NS, Halifax	Norway, Oslo	35110	0	10	0	0
NS, Halifax	Norway, Oslo	39029	0	18	0	0
NS, Halifax	Norway, Oslo	40210	0	0	0	10
NS, Halifax	Norway, Oslo	40999	0	20	0	0
NS, Halifax	Norway, Oslo	42100	0	10	0	0
NS, Halifax	Norway, Stavanger	33321	0	0	0	27
NS, Halifax	Norway, Stavanger	33999	0	7	0	0
NS, Halifax	Norway, Stavanger	42100	0	3	0	0
NS, Mulgrave	Norway, Aalesund	5202	0	0	93	0
NS, Mulgrave	Norway, Aalesund	5203	0	0	19	0

NS, Port Hawkesbury	Norway, Aalesund	5202	0	0	237	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	2,779,255	0
NS, Port Hawkesbury	Norway, not specified	19322	0	0	5,501	0
NS, Shelburne	Norway, Aalesund	5202	0	0	3,172	0
NS, Shelburne	Norway, Aalesund	5203	0	0	2,611	0
NS, Shelburne	Norway, Aalesund	34320	0	0	10	0
NS, Shelburne	Norway, Aalesund	34330	0	0	1	0
NS, Shelburne	Norway, Aalesund	37320	0	0	43	0
NS, Shelburne	Norway, Aalesund	40220	0	0	24	0
NS, Shelburne	Norway, not specified	5202	0	0	1,482	0
NS, Shelburne	Norway, not specified	5203	0	0	174	0
NS, Yarmouth	Norway, Aalesund	5202	0	0	115	0
NS, Yarmouth	Norway, Aalesund	5203	0	0	568	0
NS, Yarmouth	Norway, not specified	5203	0	0	529	0
ON, Hamilton	Norway, not specified	17100	0	0	2,500	0
ON, Hamilton	Norway, not specified	32101	0	0	12,716	0
On, Oakville	Norway, not specified	17100	0	0	21,693	0
On, Sarnia	Norway, not specified	17100	0	0	25,613	0
ON, Thunder Bay	Norway, Stavanger	2100	18,862	0	0	0
QC, Becancour	Norway, not specified	19912	7,500	0	0	0
QC, Chicoutimi	Norway, Drammen	27200	1,532	0	0	0
QC, Chicoutimi	Norway, not specified	11020	19,067	0	0	0
QC, Montreal	Norway, not specified	4290	0	19	0	0
QC, Montreal	Norway, not specified	14999	0	0	2,800	0
QC, Montreal	Norway, not specified	17100	0	0	28,386	0
QC, Montreal	Norway, not specified	40999	0	0	0	12
QC, Montreal	Norway, Oslo	2200	0	19	0	0
QC, Montreal	Norway, Oslo	5320	0	0	0	24
QC, Montreal	Norway, Oslo	6410	0	0	0	9
QC, Montreal	Norway, Oslo	27110	0	0	0	17
QC, Montreal	Norway, Oslo	39019	0	0	0	3
QC, Montreal	Norway, Oslo	40999	0	0	0	17
QC, Port-Alfred	Norway, Drammen	27200	3,200	0	0	0
QC, Port-Alfred	Norway, not specified	27200	6,214	0	0	0
QC, Quebec	Norway, Kristiansund	32492	77,169	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,810,111	0
QC, Quebec	Norway, not specified	17100	0	0	17,681	0
QC, Sept-Iles	Norway, Trondheim	13999	10,250	0	0	0
QC, Sorel,	Norway, Kristiansund	32102	10,516	0	0	0
QC, Sorel	Norway, not specified	32101	0	0	2,000	0
	Total cargo volumes		274,679	6,853	14,202,860	1,862

2001	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Campbell River	U.S., not specified, AK	22091	0	0	1,542	0
BC, Campbell River	U.S., Wrangell, AK	22091	0	0	792	0
BC, Crofton	U.S., Juneau, AK	26100	0	0	900	0
BC, Crofton	U.S., not specified, AK	26212	0	0	1,504	0
BC, Crofton	U.S., Wrangell, AK	26100	0	0	15,193	0
BC, Esquimalt	Norway, Bergen	40220	0	0	276	0
BC, Fraser River	U.S., Juneau, AK	31959	4,413	0	0	0
BC, Fraser River	U.S., Juneau, AK	41120	0	0	3,629	0
BC, Fraser River	U.S., not specified, AK	25020	0	0	1,701	0
BC, Howe Sound	U.S., Juneau, AK	33993	20	0	0	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	41,902	0
BC, Nanaimo	U.S., not specified, AK	25020	0	0	1,143	0
BC, Port Alberni	U.S., not specified, AK	25020	0	0	12,693	0
BC, Port Mellon	U.S., Ketchikan, AK	22091	0	0	1,600	0
BC, Port Simpson	U.S., Ketchikan, AK	5201	0	0	1,159	0

BC, Powell River	U.S., Juneau, AK	22091	0	0	3,220	0
BC, Powell River	U.S., Juneau, AK	26100	0	0	820	0
BC, Powell River	U.S., Ketchikan, AK	25020	0	0	17,901	0
BC, Powell River	U.S., not specified, AK	25020	0	0	54,775	0
BC, Powell River	U.S., Wrangell, AK	25020	0	0	12,187	0
BC, Powell River	U.S., Wrangell, AK	22091	0	0	1,900	0
BC, Powell River	U.S., Wrangell, AK	26100	0	0	2,530	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	13,592	0
BC, Prince Rupert	U.S., Ketchikan, AK	20242	16	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	20430	7	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	23902	73	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	4,771	0	53,017	0
BC, Prince Rupert	U.S., Ketchikan, AK	22091	0	0	11,185	0
BC, Prince Rupert	U.S., Ketchikan, AK	26100	0	0	61,319	0
BC, Prince Rupert	U.S., Ketchikan, AK	28099	3	0	1	0
BC, Prince Rupert	U.S., not specified, AK	5201	0	0	79	0
BC, Prince Rupert	U.S., not specified, AK	25020	3,275	0	15,104	0
BC, Prince Rupert	U.S., not specified, AK	26100	0	0	5,007	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	3,122	0
BC, Prince Rupert	U.S., Wrangell, AK	26100	0	0	3,374	0
BC, Stewart	U.S., Ketchikan, AK	25020	0	0	3,204	0
BC, Vancouver	Norway, Bergen	4120	0	0	0	151
BC, Vancouver	U.S., Juneau, AK	12020	2,268	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17100	2,505	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17200	1,627	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	2,221	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	19100	2,178	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	25020	4,210	0	19,621	0
BC, Vancouver	U.S., Ketchikan, AK	22091	0	0	1,600	0
BC, Vancouver	U.S., Ketchikan, AK	26100	0	0	4,400	0
BC, Vancouver	Norway, not specified	4120	0	0	0	132
BC, Vancouver	Norway, not specified	20509	0	0	0	193
BC, Vancouver	Norway, not specified	22039	0	0	0	93
BC, Vancouver	U.S., not specified, AK	14993	0	0	18,254	0
BC, Vancouver	U.S., not specified, AK	14994	0	0	217,074	0
BC, Vancouver	U.S., not specified, AK	20509	7,431	0	0	0
BC, Vancouver	U.S., not specified, AK	25020	0	0	104,716	0
BC, Vancouver	Norway, Oslo	33910	0	0	0	22
BC, Vancouver	Norway, Oslo	35999	0	0	0	13
BC, Vancouver	Norway, Oslo	40999	0	0	0	2
BC, Vancouver	U.S., Sitka, AK	12020	5,443	0	0	0
BC, Vancouver	U.S., Skagway, AK	17100	9,187	0	0	0
BC, Vancouver	U.S., Skagway, AK	17200	2,325	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	16,247	0	0	0
BC, Vancouver	U.S., Skagway, AK	19100	4,064	0	0	0
BC, Vancouver	U.S., Skagway, AK	36310	7,964	0	0	0
BC, Vancouver	U.S., Wrangell, AK	25020	0	0	17,265	0
BC, Victoria	U.S., Ketchikan, AK	12020	28,144	0	0	0
BC, Watson Island	U.S., not specified, AK	27120	5,502	0	0	0
BC, Woodfibre	U.S., Juneau, AK	26100	0	0	830	0
BC, Woodfibre	U.S., Wrangell, AK	26100	0	0	12,010	0
NB, Belledune	Norway, Odda	14994	21,591	0	0	0
NB, Saint John	Norway, Bergen	34920	0	0	174	0
NB, Saint John	Norway, not specified	16000	0	0	5,479,545	0
NB, Saint John	Norway, not specified	34920	0	0	204	0
NL, Argentia	Norway, Aalesund	5202	0	0	442	0
NL, Bay Roberts	Norway, Aalesund	5202	0	0	403	0
NL, Bay Roberts	Norway, Bergen	42390	1	0	0	0
NL, Dildo	Norway, Kristiansund	7410	1,351	0	0	0
NS, Halifax	Norway, Bergen	33999	0	10	0	0

NS, Halifax	Norway, Bergen	35110	0	6	0	0
NS, Halifax	Norway, Bergen	40999	0	5	0	0
NS, Halifax	Norway, Grenland Harbour	34999	0	103	0	0
NS, Halifax	Norway, not specified	16000	0	0	803,128	0
NS, Halifax	Norway, not specified	34999	0	0	63	0
NS, Halifax	Norway, Oslo	3400	0	5	0	0
NS, Halifax	Norway, Oslo	3999	0	137	0	0
NS, Halifax	Norway, Oslo	7229	0	18	0	0
NS, Halifax	Norway, Oslo	20299	0	8	0	0
NS, Halifax	Norway, Oslo	14229	0	8	0	0
NS, Halifax	Norway, Oslo	25093	0	20	0	0
NS, Halifax	Norway, Oslo	27120	0	68	0	0
NS, Halifax	Norway, Oslo	28099	0	31	0	0
NS, Halifax	Norway, Oslo	30400	0	5	0	0
NS, Halifax	Norway, Oslo	33999	0	7	0	0
NS, Halifax	Norway, Oslo	34999	0	3	0	0
NS, Halifax	Norway, Oslo	35110	0	17	0	0
NS, Halifax	Norway, Oslo	39029	0	11	0	0
NS, Halifax	Norway, Oslo	40210	0	25	0	0
NS, Halifax	Norway, Oslo	40999	0	22	0	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	3,875,411	0
NS, Shelburne	Norway, Aalesund	4199	0	0	2	0
NS, Shelburne	Norway, Aalesund	5201	0	0	96	0
NS, Shelburne	Norway, Aalesund	5202	4	0	4,072	0
NS, Shelburne	Norway, Aalesund	5203	0	0	3,824	0
NS, Shelburne	Norway, Aalesund	5204	1	0	0	0
NS, Shelburne	Norway, Aalesund	37320	0	0	7	0
NS, Shelburne	Norway, Aalesund	40220	0	0	1	0
NS, Shelburne	Norway, Aalesund	42390	0	0	2	0
NS, Shelburne	Norway, not specified	5202	0	0	13	0
NS, Shelburne	Norway, not specified	5203	0	0	69	0
NS, Shelburne	Norway, not specified	5320	0	0	2	0
ON, Hamilton	Norway, not specified	17100	0	0	27,081	0
ON, Hamilton	Norway, not specified	32101	0	0	3,800	0
ON, Sarnia	Norway, not specified	17100	0	0	52,197	0
QC, Becancour	Norway, not specified	11010	352	0	0	0
QC, Becancour	Norway, not specified	15100	1,100	0	0	0
QC, Becancour	Norway, not specified	19912	12,388	0	0	0
QC, Becancour	Norway, not specified	34960	280	0	0	0
QC, Becancour	Norway, not specified	38599	25	0	0	0
QC, Chicoutimi	Norway, Lillesand	11020	9,550	0	0	0
QC, Chicoutimi	Norway, not specified	11020	9,329	0	0	0
QC, Chicoutimi	Norway, not specified	27200	2,500	0	0	0
QC, Cote-Ste-Catherine	Norway, not specified	33111	0	0	1,253	0
Montreal, QC	Norway, Bergen	5204	0	0	0	19
Montreal, QC	Norway, Bergen	40999	0	4	0	0
Montreal, QC	Norway, not specified	17100	0	0	10,548	0
Montreal, QC	Norway, not specified	24101	0	0	1,805	18
Montreal, QC	Norway, Oslo	2200	0	36	0	0
Montreal, QC	Norway, Oslo	7229	0	19	0	0
Montreal, QC	Norway, Stavanger	3321	0	0	0	9
QC, Quebec	Norway, Kristiansund	32492	97,639	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,163,076	0
QC, Quebec	Norway, not specified	17100	0	0	20,992	0
QC, Sept-Iles	Norway, not specified	13999	11,294	0	0	0
QC, Sorel	Norway, Kristiansund	32102	19,643	0	0	0
QC, Sorel	Norway, Kristiansund	41110	16,801	0	0	0
	Total cargo volumes		317,734	568	14,190,531	652

2002 Canadian port	International port of origin/destination	Commodity	Exported from Canada		Imported to Canada	
			Non-cont.	Cont.	Non-cont.	Cont.
BC, Bella Coola	U.S., Ketchikan, AK	5202	0	0	9	0
BC, Bella Coola	U.S., Sitka, AK	5201	0	0	221	0
BC, Campbell River	U.S., Juneau, AK	25091	0	0	2,330	0
BC, Campbell River	U.S., not specified, AK	18000	0	0	2,000	0
BC, Campbell River	U.S., not specified, AK	25091	0	0	11,660	0
BC, Campbell River	U.S., not specified, AK	26100	0	0	2,600	0
BC, Campbell River	U.S., Wrangell, AK	25020	0	0	3,354	0
BC, Campbell River	U.S., Wrangell, AK	25091	0	0	11,206	0
BC, Campbell River	U.S., Wrangell, AK	26100	0	0	1,625	0
BC, Crofton	U.S., Juneau, AK	26100	0	0	840	0
BC, Crofton	U.S., not specified, AK	25091	0	0	4,600	0
BC, Crofton	U.S., Wrangell, AK	26100	0	0	14,301	0
BC, Fraser River	U.S., Juneau, AK	14993	0	0	4,100	0
BC, Fraser River	U.S., Juneau, AK	23902	88	0	0	0
BC, Fraser River	U.S., Juneau, AK	33111	89	0	0	0
BC, Fraser River	U.S., Juneau, AK	41120	0	0	2,722	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	6,378	0
BC, Jervis Inlet	U.S., Juneau, AK	12020	2,268	0	0	0
BC, Kemano	U.S., not specified, AK	25020	7,641	0	0	0
BC, Nanaimo	U.S., Ketchikan, AK	26100	0	0	7,494	0
BC, Port Clements	U.S., Ketchikan, AK	25020	5,611	0	0	0
BC, Port Mellon	U.S., Ketchikan, AK	26100	0	0	1,600	0
BC, Port Simpson	U.S., Ketchikan, AK	5201	0	0	796	0
BC, Port Simpson	U.S., not specified, AK	5201	0	0	118	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	6,724	0
BC, Prince Rupert	U.S., Ketchikan, AK	253902	48	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	3,820	0	3,043	0
BC, Prince Rupert	U.S., Ketchikan, AK	33910	5	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	6,724	0
BC, Prince Rupert	U.S., Ketchikan, AK	253902	48	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	3,820	0	3,043	0
BC, Prince Rupert	U.S., Ketchikan, AK	33910	5	0	0	0
BC, Prince Rupert	U.S., Metlakatla, AK	5201	0	0	293	0
BC, Prince Rupert	U.S., Metlakatla, AK	5201	0	0	293	0
BC, Prince Rupert	U.S., not specified, AK	5201	0	0	358	0
BC, Prince Rupert	U.S., not specified, AK	25020	0	0	1,123	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	2,066	0
BC, Prince Rupert	U.S., Wrangell, AK	25020	0	0	633	0
BC, Prince Rupert	U.S., Wrangell, AK	25020	0	0	633	0
BC, Skidegate	U.S., Ketchikan, AK	25020	2,063	0	0	0
BC, Skidegate	U.S., Ketchikan, AK	25020	2,063	0	0	0
BC, Vancouver	Norway, Fredrikstad	5202	22	0	0	0
BC, Vancouver	U.S., Juneau, AK	12020	8,850	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17100	5,081	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17200	3,027	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	37,451	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	25020	0	0	36,629	0
BC, Vancouver	Norway, not specified	5202	0	0	23	0
BC, Vancouver	Norway, not specified	20509	0	0	0	208
BC, Vancouver	Norway, not specified	26221	0	0	0	38
BC, Vancouver	Norway, not specified	28099	0	0	0	8
BC, Vancouver	Norway, not specified	33201	0	0	0	7
BC, Vancouver	Norway, Oslo	5202	0	0	25	0
BC, Vancouver	Norway, Oslo	23110	0	0	0	8
BC, Vancouver	Norway, Oslo	33999	0	0	0	5
BC, Vancouver	Norway, Oslo	40999	0	0	0	2
BC, Vancouver	U.S., AK	12020	7,257	0	0	0
BC, Vancouver	U.S., Skagway, AK	17100	15,446	0	0	0

BC, Vancouver	U.S., Skagway, AK	17200	3,487	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	37,488	0	0	0
BC, Vancouver	U.S., Wrangell, AK	25020	435	0	3,565	0
BC, Woodfibre	U.S., Wrangell, AK	26100	0	0	6,147	0
NB, Belledune	Norway, Odda	14994	21,628	0	0	0
NB, Dalhousie	Norway, Odda	14994	5,398	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	5,265,252	0
NL, Argentia	Norway, not specified	5202	0	0	1,152	0
NL, Bay Roberts	Norway, Aalesund	5202	0	0	885	0
NL, Bay Roberts	Norway, not specified	5202	0	0	294	0
NS, Halifax	Norway, Aalesund	5202	0	25	0	0
NS, Halifax	Norway, Bergen	7719	0	15	0	0
NS, Halifax	Norway, Bergen	13910	0	349	0	0
NS, Halifax	Norway, Bergen	33999	0	30	0	0
NS, Halifax	Norway, Bergen	35110	0	14	0	0
NS, Halifax	Norway, Bergen	40999	0	11	0	0
NS, Halifax	Norway, Fredrikstad	40210	0	4	0	0
NS, Halifax	Norway, Fredrikstad	40999	0	2	0	0
NS, Halifax	Norway, Fredrikstad	42100	0	1	0	0
NS, Halifax	Norway, Kristiansund	23909	0	10	0	0
NS, Halifax	Norway, Kristiansund	40999	0	11	0	0
NS, Halifax	Norway, not specified	7229	0	464	0	0
NS, Halifax	Norway, not specified	13910	0	35	0	0
NS, Halifax	Norway, not specified	16000	0	0	984,739	0
NS, Halifax	Norway, not specified	19911	0	0	0	21
NS, Halifax	Norway, not specified	25093	0	23	0	0
NS, Halifax	Norway, not specified	34999	0	14	0	0
NS, Halifax	Norway, Oslo	3999	0	57	0	0
NS, Halifax	Norway, Oslo	7229	0	55	0	0
NS, Halifax	Norway, Oslo	7719	0	63	0	0
NS, Halifax	Norway, Oslo	23201	0	14	0	0
NS, Halifax	Norway, Oslo	24229	0	11	0	0
NS, Halifax	Norway, Oslo	24310	0	11	0	0
NS, Halifax	Norway, Oslo	26221	0	26	0	0
NS, Halifax	Norway, Oslo	26320	0	9	0	0
NS, Halifax	Norway, Oslo	27120	0	58	0	0
NS, Halifax	Norway, Oslo	27420	0	26	0	0
NS, Halifax	Norway, Oslo	28099	0	37	0	0
NS, Halifax	Norway, Oslo	30400	0	4	0	0
NS, Halifax	Norway, Oslo	33999	0	32	0	0
NS, Halifax	Norway, Oslo	34999	0	14	0	0
NS, Halifax	Norway, Oslo	35110	0	13	0	0
NS, Halifax	Norway, Oslo	36399	0	4	0	0
NS, Halifax	Norway, Oslo	39029	0	4	0	0
NS, Halifax	Norway, Oslo	40210	0	5	0	0
NS, Halifax	Norway, Oslo	40999	0	7	0	0
NS, Halifax	Norway, Oslo	42100	0	13	0	0
NS, Halifax	Norway, Aalesund	3400	0	20	0	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	849,167	0
NS, Shelburne	Norway, Aalesund	5202	0	0	3,637	0
NS, Shelburne	Norway, Aalesund	5203	0	0	1,346	0
NS, Shelburne	Norway, Bergen	5203	3	0	0	0
NS, Shelburne	Norway, not specified	5202	12	0	0	0
NS, Shelburne	Norway, not specified	5203	0	0	250	0
ON, Hamilton	Norway, not specified	17100	0	0	2,979	0
ON, Hamilton	Norway, not specified	32101	0	0	8,300	0
ON, Sarnia	Norway, not specified	17100	0	0	12,082	0
ON, Thunder Bay	Norway, Fredrikstad	13929	0	0	4,362	0
ON, Thunder Bay	Norway, Stavanger	2100	25,300	0	0	0
QC, Baie-Comeau	Norway, Bergen	27200	989	0	0	0

QC, Baie-Comeau	Norway, Drammen	27200	7,007	0	0	0
QC, Baie-Comeau	Norway, not specified	27200	1,950	0	0	0
QC, Chicoutimi	Norway, Lillesand	11020	18,730	0	0	0
QC, Montreal	Norway, Bergen	7799	0	10	0	0
QC, Montreal	Norway, Bergen	36101	0	2	0	0
QC, Montreal	Norway, Bergen	36409	0	10	0	0
QC, Montreal	Norway, Bergen	40999	0	11	0	0
QC, Montreal	Norway, not specified	2100	6,300	0	0	0
QC, Montreal	Norway, not specified	7229	0	76	0	0
QC, Montreal	Norway, not specified	17100	0	0	4,987	0
QC, Montreal	Norway, not specified	20410	0	0	15,654	0
QC, Montreal	Norway, not specified	25020	0	23	0	0
QC, Montreal	Norway, not specified	33321	0	7	0	0
QC, Montreal	Norway, not specified	39019	0	15	0	0
QC, Montreal	Norway, Oslo	33209	0	45	0	0
QC, Montreal	Norway, Oslo	33999	0	26	0	0
QC, Montreal	Norway, Oslo	36101	0	28	0	0
QC, Montreal	Norway, Oslo	40999	0	49	0	0
QC, Montreal	Norway, Stavanger	3504	0	54	0	0
QC, Quebec	Norway, Fredrikstad	20251	0	0	3,000	0
QC, Quebec	Norway, Kristiansund	27420	2	0	0	0
QC, Quebec	Norway, Kristiansund	32492	102,269	0	0	0
QC, Quebec	Norway, Kristiansund	36360	2	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,344,294	0
QC, Quebec	Norway, not specified	17100	0	0	11,200	0
QC, Quebec	Norway, not specified	20251	0	0	3,002	0
QC, Sorel	Norway, Kristiansund	32102	9,212	0	0	0
QC, Sorel	Norway, Kristiansund	41110	3,938	0	0	0
QC, Sorel	Norway, not specified	32101	0	0	7,200	0
	Total cargo volumes		348,853	1,847	10,673,058	297

2003	International port of	Commodity	Exported from Canada		Imported to Canada	
Canadian port	origin/destination		Non-cont.	Cont.	Non-cont.	Cont.
BC, Bella Coola	U.S., Ketchikan, AK	5201	0	0	163	0
BC, Bella Coola	U.S., Ketchikan, AK	5202	0	0	54	0
BC, Bella Coola	U.S., Sitka, AK	5201	0	0	313	0
BC, Bella Coola	U.S., Sitka, AK	5202	0	0	41	0
BC, Crofton	U.S., Wrangell, AK	25091	0	0	1,440	0
BC, Fraser River	U.S., Ketchikan, AK	41120	0	0	2,722	0
BC, Fraser River	U.S., Sitka, AK	42390	38	0	0	0
BC, Howe Sound	U.S., Ketchikan, AK	25020	0	0	13,163	0
BC, Jervis Inlet	U.S., Juneau, AK	12020	12,701	0	0	0
BC, Jervis Inlet,	U.S., Ketchikan, AK	12020	20,865	0	0	0
BC, Nanaimo	U.S., Ketchikan, AK	25020	0	0	12,090	0
BC, Nanaimo	U.S., Ketchikan, AK	26100	0	0	8,839	0
BC, Nanaimo	U.S., Ketchikan, AK	31959	1,978	0	0	0
BC, Powell River	U.S., Ketchikan, AK	12020	2,722	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	1004	0	0	1	0
BC, Prince Rupert	U.S., Ketchikan, AK	5201	0	0	5,572	0
BC, Prince Rupert	U.S., Ketchikan, AK	5202	1,225	0	0	0
BC, Prince Rupert	U.S., Ketchikan, AK	23902	138	0	45	0
BC, Prince Rupert	U.S., Ketchikan, AK	25020	0	0	673	0
BC, Prince Rupert	U.S., Ketchikan, AK	35120	0	0	1	0
BC, Prince Rupert	U.S., Sitka, AK	5201	0	0	1,315	0
BC, Prince Rupert	U.S., Wrangell, AK	5202	81	0	0	0
BC, Prince Rupert	U.S., Wrangell, AK	17100	0	0	669	0
BC, Prince Rupert	U.S., Wrangell, AK	18000	0	0	1	0
BC, Stewart	U.S., Ketchikan, AK	25020	1,432	0	0	0
BC, Vancouver	Norway, Bergen	5202	0	0	25	0

BC, Vancouver	Norway, Bergen	24229	0	0	0	8
BC, Vancouver	U.S., Ketchikan, AK	11010	816	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	12020	3,538	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17100	7,767	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	17200	10,479	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	18000	57,917	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	34940	40	0	0	0
BC, Vancouver	U.S., Ketchikan, AK	36210	26	0	0	0
BC, Vancouver	Norway, not specified	5202	0	0	70	0
BC, Vancouver	Norway, not specified	5204	0	0	11	0
BC, Vancouver	Norway, not specified	20269	0	0	0	18
BC, Vancouver	Norway, not specified	20509	0	0	0	35
BC, Vancouver	Norway, not specified	24229	0	0	0	8
BC, Vancouver	Norway, not specified	34920	0	0	0	7
BC, Vancouver	Norway, Oslo	5202	0	0	24	0
BC, Vancouver	U.S., Sitka, AK	12020	6,532	0	0	0
BC, Vancouver	U.S., Skagway, AK	17100	19,743	0	0	0
BC, Vancouver	U.S., Skagway, AK	17200	5,114	0	0	0
BC, Vancouver	U.S., Skagway, AK	18000	27,491	0	0	0
BC, Woodfibre	U.S., Wrangell, AK	26100	0	0	4,310	0
NB, Belledune	Norway, Odda	14994	32,405	0	0	0
NB, Saint John	Norway, not specified	16000	0	0	5,094,394	0
NL, Bay Roberts	Norway, Aalesund	5202	0	0	1,040	0
Bay Roberts	Norway, not specified	5202	0	0	184	0
NL, Marystown	Norway, Krisriansund	32300	0	0	504	0
Marystown	Norway, Stavanger	42390	0	0	133	0
NL, St. John's	Norway, Krisriansund	7410	1,400	0	0	0
NS, Halifax	Norway, Aalesund	5202	0	50	0	0
NS, Halifax	Norway, Aalesund	5203	0	15	0	0
NS, Halifax	Norway, Aalesund	26221	0	21	0	0
NS, Halifax	Norway, Bergen	7719	0	17	0	0
NS, Halifax	Norway, Bergen	13910	0	656	0	0
NS, Halifax	Norway, Bergen	20299	0	86	0	0
NS, Halifax	Norway, Bergen	40999	0	122	0	0
NS, Halifax	Norway, Fredrikstad	28099	0	52	0	0
NS, Halifax	Norway, Fredrikstad	40210	0	5	0	0
NS, Halifax	Norway, Fredrikstad	40999	0	53	0	0
NS, Halifax	Norway, Fredrikstad	42100	0	28	0	0
NS, Halifax	Norway, Fredrikstad	42390	0	5	0	0
NS, Halifax	Norway, Krisriansund	13910	0	17	0	0
NS, Halifax	Norway, Krisriansund	40999	0	4	0	0
NS, Halifax	Norway, not specified	13910	0	17	0	0
NS, Halifax	Norway, not specified	16000	0	0	659,059	0
NS, Halifax	Norway, Oslo	3229	0	50	0	0
NS, Halifax	Norway, Oslo	3999	0	18	0	0
NS, Halifax	Norway, Oslo	7210	0	11	0	0
NS, Halifax	Norway, Oslo	7229	0	111	0	0
NS, Halifax	Norway, Oslo	7719	0	129	0	0
NS, Halifax	Norway, Oslo	8320	0	20	0	0
NS, Halifax	Norway, Oslo	13910	0	35	0	0
NS, Halifax	Norway, Oslo	20299	0	16	0	0
NS, Halifax	Norway, Oslo	24229	0	6	0	0
NS, Halifax	Norway, Oslo	28099	0	13	0	0
NS, Halifax	Norway, Oslo	30999	0	123	0	0
NS, Halifax	Norway, Oslo	34999	0	131	0	0
NS, Halifax	Norway, Oslo	35110	0	30	0	0
NS, Halifax	Norway, Oslo	36360	0	2	0	0
NS, Halifax	Norway, Oslo	37310	0	1	0	0
NS, Halifax	Norway, Oslo	40210	0	8	0	0
NS, Halifax	Norway, Oslo	40999	0	30	0	0

NS, Halifax	Norway, Oslo	42100	0	7	0	0
NS, Port Hawkesbury	Norway, not specified	16000	0	0	929,763	0
NS, Shelburne	Norway, Aalesund	1004	0	0	57	0
NS, Shelburne	Norway, Aalesund	5201	0	0	5	0
NS, Shelburne	Norway, Aalesund	5202	0	0	2,608	0
NS, Shelburne	Norway, Aalesund	5203	0	0	1,167	0
NS, Shelburne	Norway, not specified	5202	0	0	248	0
NS, Shelburne	Norway, not specified	5203	0	0	84	0
ON, Hamilton	Norway, not specified	32101	0	0	3,660	0
ON, Hamilton	Norway, Sauda	32101	0	0	10,800	0
ON, Oakville	Norway, not specified	17100	0	0	13,280	0
QC, Baie-Comeau	Norway, Bergen	27200	1,579	0	0	0
QC, Baie-Comeau	Norway, Bergen	30999	1,502	0	0	0
QC, Baie-Comeau	Norway, Drammen	27200	4,145	0	0	0
QC, Baie-Comeau	Norway, Drammen	30999	1,003	0	0	0
QC, Baie-Comeau	Norway, not specified	27200	4,221	0	0	0
QC, Chicoutimi	Norway, Lillesand	11020	9,500	0	0	0
QC, Montreal	Norway, Bergen	3502	0	43	0	0
QC, Montreal	Norway, Bergen	5122	0	0	0	17
QC, Montreal	Norway, Bergen	20259	0	111	0	0
QC, Montreal	Norway, Bergen	33209	0	16	0	0
QC, Montreal	Norway, not specified	5204	0	0	0	254
QC, Montreal	Norway, not specified	13999	0	0	562	0
QC, Montreal	Norway, not specified	14910	0	0	4,645	0
QC, Montreal	Norway, not specified	14996	0	0	14,125	0
QC, Montreal	Norway, not specified	17100	0	0	6,849	0
QC, Montreal	Norway, not specified	19209	0	0	13,706	0
QC, Montreal	Norway, not specified	19990	0	0	1,558	0
QC, Montreal	Norway, not specified	20410	0	0	30,775	0
QC, Montreal	Norway, not specified	32101	0	0	2,400	0
QC, Montreal	Norway, Oslo	23901	0	0	0	32
QC, Montreal	Norway, Oslo	6101	0	44	0	0
QC, Montreal	Norway, Oslo	36409	0	12	0	0
QC, Montreal	Norway, Stavanger	34221	0	0	0	11
QC, Quebec	Norway, Fredrikstad	20251	0	0	7,516	0
QC, Quebec	Norway, Krisriansund	32492	105,082	0	0	0
QC, Quebec	Norway, not specified	16000	0	0	3,709,928	0
QC, Quebec	Norway, not specified	31100	0	0	24,857	0
QC, Sept-Iles	Norway, not specified	14100	5,000	0	0	0
QC, Sorel	Norway, Krisriansund	32102	12,488	0	0	0
	Total cargo volumes		358,968	2,115	10,585,449	390

Appendix 4

Visits by vessels to ports in Canada between 2002 and 2005 reported by the Canadian Coast Guard (INNAV). Vessel name, country of registry, and arrival and departure times at port reported. Several ports in Greenland was also included. Number in brackets indicate month.

2002

Flag	Vessel name	Ported visited	Date, time arrival	Date, time departure
Dom.	MARIA DESGAGNES	Goose Bay, NL	Not reported	[11] 27 2002 11:20
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[7] 8 2002 1:06	[7] 18 2002 20:48
Dom.	MARIA DESGAGNES	Fort Chimo, QC	Not reported	[7] 19 2002 14:12
Dom.	MARIA DESGAGNES	Umiujak (Richmond Gulf)	[8] 9 2002 11:18	[8] 10 2002 8:45
Dom.	MARIA DESGAGNES	Port Harrison, QC	[8] 10 2002 21:30	[8] 14 2002 0:48
Dom.	MARIA DESGAGNES	Ivujivik, QC	[8] 14 2002 22:00	[8] 16 2002 5:30
Dom.	MARIA DESGAGNES	Quaqtaq, QC	[8] 28 2002 20:54	[8] 31 2002 0:24
Dom.	MARIA DESGAGNES	Great Whale River, QC	[8] 4 2002 12:42	[8] 9 2002 2:18
Dom.	MARIA DESGAGNES	Tasiujaq, QC	[9] 9 2002 0:48	[9] 11 2002 5:25
Dom.	MARIA DESGAGNES	Salluit, QC	[9] 12 2002 11:54	[9] 14 2002 11:12
Dom.	MARIA DESGAGNES	Kangirsuk, QC	[9] 16 2002 18:15	[9] 19 2002 16:00
Dom.	MARIA DESGAGNES	George River, QC	[8] 31 2002 17:18	[9] 2 2002 21:36
Dom.	MARIA DESGAGNES	Wakeham Bay, QC	[9] 20 2002 12:12	[9] 23 2002 19:00
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[9] 3 2002 10:48	[9] 8 2002 14:00
For.	MARIAM VI	Iqaluit, NU	[7] 14 2002 21:00	[7] 18 2002 20:30
For.	MARIAM VI	Thule/Qanaq	[7] 23 2002 1:45	[7] 23 2002 17:00
For.	MARIAM VI	Pangnirtung, NU	[7] 30 2002 3:45	[8] 1 2002 2:35
For.	MARIAM VI	Iqaluit, NU	[8] 22 2002 9:00	[8] 24 2002 0:30
For.	MARIAM VI	Pond Inlet, NU	[8] 27 2002 10:00	[8] 28 2002 19:45
For.	MARIAM VI	Cape Dorset, NU	[8] 4 2002 1:40	[8] 5 2002 2:40
For.	MARIAM VI	Cape Dorset, NU	[9] 11 2002 4:30	[9] 12 2002 4:30
For.	MARIAM VI	Navisivik, NU	[8] 29 2002 13:30	[9] 2 2002 15:30
For.	MARIAM VI	Pangnirtung, NU	[9] 5 2002 20:00	[9] 8 2002 23:15
Dom.	A ANNULER	Goose Bay, NL	[6] 27 2002 19:58	[6] 28 2002 2:52
Dom.	A ANNULER	Goose Bay, NL	[7] 1 2002 13:29	[7] 1 2002 20:29
Dom.	A ANNULER	Goose Bay, NL	[7] 13 2002 13:20	[7] 13 2002 20:33
Dom.	A ANNULER	Goose Bay, NL	[7] 17 2002 9:32	[7] 17 2002 20:36
Dom.	A ANNULER	Goose Bay, NL	[7] 25 2002 13:22	[7] 25 2002 20:29
Dom.	A ANNULER	Goose Bay, NL	[7] 29 2002 10:30	[7] 29 2002 20:30
Dom.	A ANNULER	Goose Bay, NL	[7] 5 2002 11:43	[7] 5 2002 20:37
Dom.	A ANNULER	Goose Bay, NL	[7] 9 2002 19:06	[7] 9 2002 23:15
Dom.	A ANNULER	Cartwright, NL	[8] 1 2002 21:29	[8] 1 2002 23:38
Dom.	A ANNULER	Goose Bay, NL	[8] 10 2002 10:50	[8] 10 2002 20:28
Dom.	A ANNULER	Goose Bay, NL	[8] 14 2002 15:40	[8] 14 2002 20:34
Dom.	A ANNULER	Goose Bay, NL	[8] 18 2002 12:40	[8] 18 2002 21:02
Dom.	A ANNULER	Goose Bay, NL	[8] 2 2002 13:30	[8] 2 2002 20:36
Dom.	A ANNULER	Goose Bay, NL	[8] 22 2002 17:00	[8] 22 2002 20:51
Dom.	A ANNULER	Goose Bay, NL	[8] 26 2002 12:00	[8] 26 2002 20:34
Dom.	A ANNULER	Goose Bay, NL	[8] 30 2002 14:20	[8] 30 2002 20:30
Dom.	A ANNULER	Goose Bay, NL	[8] 6 2002 12:35	[8] 6 2002 20:34
Dom.	A ANNULER	Goose Bay, NL	[9] 3 2002 16:00	[9] 3 2002 19:42
Dom.	A ANNULER	Goose Bay, NL	[9] 7 2002 15:55	[9] 7 2002 20:30
For.	A ANNULER	Tuktoyaktuk Harbour	Not reported	[8] 25 2002 3:20
Dom.	AIVIK	Iqaluit, NU	[10] 1 2002 17:30	[10] 1 2002 21:10
Dom.	AIVIK	Iqaluit, NU	[10] 20 2002 3:30	[10] 25 2002 20:30
Dom.	AIVIK	Quaqtaq, QC	[10] 26 2002 15:45	[10] 27 2002 19:40
Dom.	AIVIK	George River, QC	[10] 28 2002 10:00	[10] 30 2002 22:33
Dom.	AIVIK	Cape Dorset, NU	[11] 8 2002 17:00	[11] 10 2002 9:50
Dom.	AIVIK	Fort Chimo, QC	[10] 31 2002 5:15	[11] 3 2002 12:11

Dom.	AIVIK	Tasiujaq, QC	[11] 3 2002 19:42	[11] 4 2002 19:16
Dom.	AIVIK	Salluit, QC	[11] 6 2002 13:40	[11] 7 2002 20:00
Dom.	AIVIK	Deception Bay	[11] 7 2002 23:06	[11] 8 2002 7:00
Dom.	AIVIK	Fort Chimo, QC	[7] 8 2002 17:00	[7] 13 2002 16:10
Dom.	AIVIK	Tasiujaq, QC	[7] 14 2002 3:55	[7] 17 2002 6:30
Dom.	AIVIK	Kangirsuk, QC	[7] 17 2002 17:40	[7] 18 2002 11:10
Dom.	AIVIK	Wakeham Bay, QC	[7] 19 2002 2:30	[7] 20 2002 12:15
Dom.	AIVIK	Salluit, QC	[7] 21 2002 0:35	[7] 22 2002 19:30
Dom.	AIVIK	Ivujivik, QC	[7] 23 2002 2:20	[7] 23 2002 20:00
Dom.	AIVIK	Akulivik	[7] 24 2002 7:30	[7] 24 2002 16:45
Dom.	AIVIK	Puvirnituq	[7] 25 2002 1:40	[7] 26 2002 20:30
Dom.	AIVIK	Port Harrison, QC	[7] 27 2002 10:30	[7] 29 2002 2:55
Dom.	AIVIK	Belcher Islands, NU	[7] 29 2002 17:50	[7] 31 2002 0:35
Dom.	AIVIK	Umiujak (Richmond Gulf)	[7] 31 2002 8:30	[7] 31 2002 19:15
Dom.	AIVIK	Iqaluit, NU	[8] 8 2002 7:30	[8] 10 2002 0:40
Dom.	AIVIK	Great Whale River, QC	[8] 1 2002 2:40	[8] 2 2002 0:50
Dom.	AIVIK	Iqaluit, NU	[8] 27 2002 16:25	[8] 30 2002 5:15
Dom.	AIVIK	Rankin Inlet, NU	[8] 4 2002 6:15	[8] 5 2002 3:20
Dom.	AIVIK	Deception Bay	[8] 6 2002 16:00	[8] 7 2002 0:02
Dom.	AIVIK	George River, QC	[9] 10 2002 1:00	[9] 11 2002 6:48
Dom.	AIVIK	Quaqtaq, QC	[9] 11 2002 21:35	[9] 13 2002 17:30
Dom.	AIVIK	Rankin Inlet, NU	[9] 15 2002 21:00	[9] 16 2002 23:20
Dom.	AIVIK	Repulse Bay, NU	[9] 18 2002 1:25	[9] 19 2002 8:35
Dom.	AIVIK	Igloolik	[9] 20 2002 13:30	[9] 26 2002 6:55
Dom.	AIVIK	Hall Beach, NU	[9] 26 2002 11:30	[9] 27 2002 16:20
Dom.	AIVIK	Tasiujaq, QC	[8] 31 2002 17:20	[9] 3 2002 13:45
Dom.	AIVIK	Kangirsuk, QC	[9] 29 2002 16:45	[9] 30 2002 18:15
Dom.	AIVIK	Fort Chimo, QC	[9] 3 2002 21:30	[9] 9 2002 16:00
For.	AKADEMIK IOFFE	Churchill, MB	[7] 22 2002 18:30	[7] 24 2002 0:30
For.	AKADEMIK IOFFE	Coral Harbour, NU	[7] 25 2002 17:30	[7] 26 2002 0:10
For.	AKADEMIK IOFFE	Ivujivik, QC	[7] 26 2002 15:53	[7] 26 2002 18:10
For.	AKADEMIK IOFFE	Erik Cove	[7] 26 2002 21:10	[7] 27 2002 0:15
For.	AKADEMIK IOFFE	Lake Harbour, NU	[7] 28 2002 11:20	[7] 28 2002 16:55
For.	AKADEMIK IOFFE	Navisivik, NU	[8] 15 2002 12:00	[8] 16 2002 3:29
For.	AKADEMIK IOFFE	Prince Leopold Island	[8] 16 2002 13:20	[8] 16 2002 17:10
For.	AKADEMIK IOFFE	Resolute, NU	[8] 17 2002 13:40	[8] 19 2002 0:05
For.	AKADEMIK IOFFE	Uummannaq	Not reported	[8] 29 2002 9:18
For.	AKADEMIK IOFFE	Clyde River	[8] 30 2002 11:05	[8] 30 2002 15:20
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 31 2002 14:35	[8] 31 2002 20:35
For.	AKADEMIK IOFFE	Uummannaq	Not reported	[8] 8 2002 17:32
For.	AKADEMIK IOFFE	Dundas Harbour	[9] 1 2002 11:30	[9] 1 2002 19:35
For.	AKADEMIK IOFFE	Radstock Bay	[9] 2 2002 12:00	[9] 2 2002 14:30
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[9] 2 2002 16:40	[9] 2 2002 20:35
For.	AKADEMIK IOFFE	Prince Leopold Island	[9] 3 2002 12:10	[9] 3 2002 14:37
For.	AKADEMIK IOFFE	Navisivik, NU	[9] 4 2002 11:10	[9] 4 2002 17:30
For.	ALBATROS	Pangnirtung, NU	[9] 6 2002 15:42	[9] 6 2002 22:45
For.	ALMI	Churchill, MB	[8] 17 2002 15:00	[8] 19 2002 23:34
For.	ANAGEIA	Churchill, MB	[10] 16 2002 10:00	[10] 20 2002 1:15
For.	ANAIS LAND	Churchill, MB	[8] 9 2002 8:00	[8] 13 2002 16:30
Dom.	ANN HARVEY	Hopedale, NL	[11] 17 2002 15:37	[11] 17 2002 23:30
Dom.	ANN HARVEY	Goose Bay, NL	[11] 23 2002 21:12	[11] 26 2002 11:30
Dom.	ANN HARVEY	Goose Bay, NL	[11] 26 2002 22:30	[11] 27 2002 12:24
Dom.	ANN HARVEY	Cartwright, NL	[11] 30 2002 8:30	[11] 30 2002 8:37
Dom.	ANN HARVEY	Nain, NL	Not reported	[7] 11 2002 10:00
Dom.	ANN HARVEY	Nain, NL	[7] 11 2002 22:00	[7] 14 2002 10:30
Dom.	ANN HARVEY	Cartwright, NL	[7] 4 2002 19:01	[7] 4 2002 20:16
Dom.	ANN HARVEY	Rigolet	[7] 4 2002 19:01	[7] 4 2002 20:16
Dom.	ANN HARVEY	Cartwright, NL	[7] 4 2002 20:21	[7] 5 2002 10:00
Dom.	ANN HARVEY	Goose Bay, NL	[7] 4 2002 20:21	[7] 5 2002 10:00
Dom.	ANN HARVEY	Goose Bay, NL	[7] 8 2002 15:15	[7] 9 2002 10:43

Dom.	ANNA DESGAGNES	Pangnirtung, NU	[10] 10 2002 22:30	[10] 12 2002 6:15
Dom.	ANNA DESGAGNES	Iqaluit, NU	[10] 13 2002 14:30	[10] 18 2002 11:20
Dom.	ANNA DESGAGNES	Quaqtaq, QC	[10] 19 2002 11:30	[10] 22 2002 17:50
Dom.	ANNA DESGAGNES	Kangirsuk, QC	[10] 23 2002 2:15	[10] 23 2002 16:30
Dom.	ANNA DESGAGNES	Lake Harbour, NU	[10] 24 2002 6:20	[10] 24 2002 22:20
Dom.	ANNA DESGAGNES	Cape Dorset, NU	[10] 25 2002 16:10	[10] 26 2002 2:34
Dom.	ANNA DESGAGNES	Coral Harbour, NU	[10] 26 2002 17:30	[10] 27 2002 11:33
Dom.	ANNA DESGAGNES	Rankin Inlet, NU	[10] 28 2002 7:10	[10] 28 2002 18:35
Dom.	ANNA DESGAGNES	Akulivik	[10] 29 2002 22:15	[10] 30 2002 17:00
Dom.	ANNA DESGAGNES	Ivujivik, QC	[10] 31 2002 2:15	[11] 1 2002 5:00
Dom.	ANNA DESGAGNES	Salluit, QC	[11] 1 2002 11:50	[11] 4 2002 1:40
Dom.	ANNA DESGAGNES	Deception Bay	[11] 4 2002 6:20	[11] 4 2002 22:40
Dom.	ANNA DESGAGNES	Wakeham Bay, QC	[11] 5 2002 9:00	[11] 6 2002 18:00
Dom.	ANNA DESGAGNES	Iqaluit, NU	[7] 9 2002 22:40	[7] 14 2002 2:30
Dom.	ANNA DESGAGNES	Wakeham Bay, QC	[7] 15 2002 14:00	[7] 16 2002 23:54
Dom.	ANNA DESGAGNES	Lake Harbour, NU	[7] 17 2002 8:30	[7] 18 2002 0:23
Dom.	ANNA DESGAGNES	Quaqtaq, QC	[7] 18 2002 10:15	[7] 18 2002 20:20
Dom.	ANNA DESGAGNES	Ivujivik, QC	[7] 19 2002 16:40	[7] 21 2002 19:40
Dom.	ANNA DESGAGNES	Deception Bay	[7] 22 2002 8:00	[7] 23 2002 17:25
Dom.	ANNA DESGAGNES	Salluit, QC	[7] 23 2002 21:30	[7] 24 2002 22:30
Dom.	ANNA DESGAGNES	Cape Dorset, NU	[7] 25 2002 9:45	[7] 26 2002 7:15
Dom.	ANNA DESGAGNES	Akulivik	[7] 27 2002 8:00	[7] 27 2002 22:30
Dom.	ANNA DESGAGNES	Nuuk/Godthaab	[7] 5 2002 4:57	[7] 6 2002 3:00
Dom.	ANNA DESGAGNES	Pangnirtung, NU	[7] 31 2002 17:00	[8] 1 2002 17:30
Dom.	ANNA DESGAGNES	Pond Inlet, NU	[8] 25 2002 1:30	[8] 27 2002 23:31
Dom.	ANNA DESGAGNES	Navisivik, NU	[8] 28 2002 17:30	[8] 29 2002 17:00
Dom.	ANNA DESGAGNES	Arctic Bay, NU	[8] 29 2002 22:00	[8] 31 2002 21:00
Dom.	ANNA DESGAGNES	Grisefiord, NU	[9] 10 2002 12:45	[9] 11 2002 0:41
Dom.	ANNA DESGAGNES	Clyde River	[9] 12 2002 11:00	[9] 13 2002 16:40
Dom.	ANNA DESGAGNES	Broughton Island, NU	[9] 14 2002 10:15	[9] 15 2002 19:25
Dom.	ANNA DESGAGNES	Cape Dyer	[9] 16 2002 7:45	[9] 16 2002 15:18
Dom.	ANNA DESGAGNES	Pangnirtung, NU	[9] 17 2002 13:20	[9] 17 2002 19:20
Dom.	ANNA DESGAGNES	Pond Inlet, NU	[9] 1 2002 15:00	[9] 2 2002 1:30
Dom.	ANNA DESGAGNES	Little Cornwallis Island	[9] 3 2002 16:30	[9] 7 2002 1:00
Dom.	ANNA DESGAGNES	Resolute, NU	Not reported	[9] 9 2002 4:15
For.	APOSTOLOVO	Churchill, MB	[9] 25 2002 12:55	[9] 30 2002 5:30
Dom.	ARCTIC	Navisivik, NU	[10] 11 2002 13:15	[10] 14 2002 2:36
Dom.	ARCTIC	Deception Bay	[10] 3 2002 14:45	[10] 7 2002 6:46
Dom.	ARCTIC	Deception Bay	[11] 10 2002 13:20	[11] 15 2002 23:30
Dom.	ARCTIC	Deception Bay	[12] 4 2002 14:00	[12] 12 2002 1:00
Dom.	ARCTIC	Deception Bay	Not reported	[6] 26 2002 11:06
Dom.	ARCTIC	Deception Bay	[6] 16 2002 5:00	[6] 26 2002 11:06
Dom.	ARCTIC	Deception Bay	[7] 19 2002 6:00	[7] 20 2002 0:00
Dom.	ARCTIC	Navisivik, NU	[7] 26 2002 0:49	[8] 1 2002 18:27
Dom.	ARCTIC	Little Cornwallis Island	Not reported	[8] 7 2002 15:30
Dom.	ARCTIC	Deception Bay	[9] 5 2002 19:00	[9] 14 2002 9:35
For.	ARKTIKA	Southern Labrador Bank	[7] 19 2002 4:31	[7] 19 2002 3:35
Dom.	ASTRON	Nain, NL	[10] 10 2002 12:00	[10] 10 2002 16:37
Dom.	ASTRON	Nain, NL	[10] 28 2002 12:00	[10] 30 2002 1:33
Dom.	ASTRON	Nain, NL	[10] 8 2002 16:28	[10] 9 2002 1:21
Dom.	ASTRON	Postville, NL	[10] 9 2002 16:00	[10] 9 2002 22:41
Dom.	ASTRON	Nain, NL	[11] 14 2002 18:00	[11] 15 2002 1:29
Dom.	ASTRON	Goose Bay, NL	[11] 17 2002 1:30	[11] 18 2002 17:53
Dom.	ASTRON	Nain, NL	[11] 22 2002 12:15	[11] 22 2002 17:16
Dom.	ASTRON	Cartwright, NL	[11] 23 2002 14:30	[11] 26 2002 2:12
Dom.	ASTRON	Black Tickle	[11] 26 2002 7:30	[11] 26 2002 12:51
Dom.	ASTRON	Cartwright, NL	[11] 26 2002 18:34	[11] 27 2002 23:31
Dom.	ASTRON	Goose Bay, NL	[11] 1 2002 23:30	[11] 3 2002 0:00
Dom.	ASTRON	Nain, NL	[11] 30 2002 14:00	[11] 30 2002 19:00
Dom.	ASTRON	Nain, NL	[11] 5 2002 17:57	[11] 6 2002 7:16

Dom.	ASTRON	Goose Bay, NL	[11] 8 2002 0:01	[11] 9 2002 19:35
Dom.	ASTRON	Cartwright, NL	[12] 2 2002 4:47	[12] 2 2002 18:30
Dom.	ASTRON	Sango Bay Harbour	[12] 3 2002 14:45	[12] 4 2002 9:13
Dom.	ASTRON	Goose Bay, NL	[6] 24 2002 15:00	[6] 25 2002 17:37
Dom.	ASTRON	Goose Bay, NL	Not reported	[7] 1 2002 22:33
Dom.	ASTRON	Goose Bay, NL	[7] 8 2002 9:04	[7] 10 2002 22:19
Dom.	ASTRON	Nain, NL	[7] 16 2002 14:45	[7] 18 2002 0:30
Dom.	ASTRON	Goose Bay, NL	[7] 20 2002 17:35	[7] 23 2002 0:45
Dom.	ASTRON	Nain, NL	[7] 25 2002 10:00	[7] 26 2002 0:12
Dom.	ASTRON	Nain, NL	[8] 11 2002 16:28	[8] 12 2002 11:33
Dom.	ASTRON	Nain, NL	[9] 21 2002 11:30	[8] 21 2002 17:00
Dom.	ASTRON	Nain, NL	Not reported	[8] 30 2002 23:30
Dom.	ASTRON	Goose Bay, NL	[9] 12 2002 8:43	[9] 12 2002 15:05
Dom.	ASTRON	Nain, NL	[9] 16 2002 2:40	[9] 16 2002 14:17
Dom.	ASTRON	Nain, NL	[9] 24 2002 17:35	[9] 24 2002 22:26
Dom.	ASTRON	Goose Bay, NL	[9] 26 2002 13:30	[9] 27 2002 19:00
Dom.	ASTRON	Nain, NL	[9] 30 2002 18:46	[9] 30 2002 23:55
Dom.	ASTRON	Goose Bay, NL	[9] 2 2002 11:20	[9] 4 2002 17:15
Dom.	ASTRON	Nain, NL	[9] 6 2002 23:00	[9] 7 2002 16:41
Dom.	ATLANTIC DOROTHY	Southern Labrador Bank	[6] 13 2002 20:00	[6] 23 2002 20:00
Dom.	ATLANTIC ELM	Voisey Bay	[11] 28 2002 11:06	[12] 1 2002 4:25
Dom.	ATLANTIC MAPLE	Voisey Bay	[12] 10 2002 6:00	[12] 11 2002 4:04
Dom.	ATLANTIC MAPLE	Voisey Bay	[12] 2 2002 6:37	[12] 9 2002 16:24
Dom.	ATLANTIC MAPLE	Voisey Bay	[9] 10 2002 18:07	[9] 13 2002 9:55
For.	BBC FINLAND	Nain, NL	[10] 26 2002 15:52	[11] 1 2002 13:15
For.	BBC PACIFIC	Goose Bay, NL	[10] 12 2002 0:30	[10] 12 2002 10:00
For.	BORZNA	Churchill, MB	[10] 8 2002 10:00	[10] 11 2002 4:15
Dom.	CECILIA DESGAGNES	Puvirnituq	[10] 7 2002 23:36	[10] 10 2002 14:36
Dom.	CECILIA DESGAGNES	Port Harrison, QC	Not reported	[10] 13 2002 14:43
Dom.	CECILIA DESGAGNES	Umiujak (Richmond Gulf)	[10] 14 2002 2:54	[10] 14 2002 19:39
Dom.	CECILIA DESGAGNES	Great Whale River, QC	[10] 15 2002 4:30	[10] 16 2002 3:39
Dom.	CECILIA DESGAGNES	Belcher Islands, NU	[10] 16 2002 18:15	[10] 17 2002 4:36
Dom.	CECILIA DESGAGNES	Puvirnituq	[10] 18 2002 12:48	[10] 19 2002 13:15
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[9] 29 2002 20:20	[10] 3 2002 10:39
Dom.	CECILIA DESGAGNES	Cape Dorset, NU	[10] 5 2002 17:54	[10] 6 2002 19:40
Dom.	CECILIA DESGAGNES	Saglek Bay, NL	[11] 8 2002 6:00	[11] 11 2002 2:30
Dom.	CECILIA DESGAGNES	Puvirnituq	[7] 9 2002 11:27	[7] 12 2002 16:36
Dom.	CECILIA DESGAGNES	Port Harrison, QC	[7] 13 2002 10:15	[7] 14 2002 15:12
Dom.	CECILIA DESGAGNES	Umiujak (Richmond Gulf)	[7] 15 2002 3:42	[7] 15 2002 20:00
Dom.	CECILIA DESGAGNES	Belcher Islands, NU	[7] 16 2002 10:27	[7] 17 2002 10:12
Dom.	CECILIA DESGAGNES	Great Whale River, QC	[7] 18 2002 10:48	[7] 19 2002 7:00
Dom.	CECILIA DESGAGNES	Puvirnituq	[7] 20 2002 13:00	[7] 20 2002 19:24
Dom.	CECILIA DESGAGNES	Deception Bay	[7] 21 2002 17:27	[7] 23 2002 18:00
Dom.	CECILIA DESGAGNES	Coral Harbour, NU	[7] 24 2002 19:39	[7] 25 2002 16:06
Dom.	CECILIA DESGAGNES	Rankin Inlet, NU	[7] 26 2002 22:09	[7] 27 2002 15:00
Dom.	CECILIA DESGAGNES	Quaqtaq, QC	[7] 29 2002 22:45	[7] 30 2002 20:06
Dom.	CECILIA DESGAGNES	Igloolik	[8] 20 2002 15:45	[8] 22 2002 17:18
Dom.	CECILIA DESGAGNES	Hall Beach, NU	[8] 22 2002 22:09	[8] 25 2002 1:12
Dom.	CECILIA DESGAGNES	Repulse Bay, NU	[8] 27 2002 21:15	[8] 28 2002 9:30
Dom.	CECILIA DESGAGNES	Eskimo Point, NU	[8] 29 2002 21:30	[9] 1 2002 14:33
Dom.	CECILIA DESGAGNES	Pond Inlet, NU	[9] 10 2002 3:18	[9] 10 2002 12:18
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[9] 5 2002 0:12	[9] 5 2002 19:30
Dom.	CECILIA DESGAGNES	Clyde River	[9] 8 2002 22:18	[9] 9 2002 0:06
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[8] 30 2002 18:00	[8] 30 2002 23:30
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[9] 4 2002 14:30	[9] 5 2002 13:30
Dom.	DES GROSEILLIERS	Deception Bay	[10] 7 2002 11:59	[10] 7 2002 12:00
Dom.	DES GROSEILLIERS	Cape Dorset, NU	[10] 8 2002 19:59	[10] 8 2002 20:00
Dom.	DES GROSEILLIERS	Iqaluit, NU	[8] 14 2002 12:00	[8] 14 2002 23:59
Dom.	DES GROSEILLIERS	Navisivik, NU	[9] 13 2002 15:00	[9] 13 2002 15:44
Dom.	DES GROSEILLIERS	Hall Beach, NU	[9] 24 2002 21:30	[9] 25 2002 11:59

Dom.	EASTERN TUGGER	Cartwright, NL	[6] 24 2002 0:55	[6] 25 2002 18:32
Dom.	EASTERN TUGGER	Port Hope Simpson, NL	[6] 27 2002 22:18	[6] 29 2002 7:00
Dom.	EASTERN TUGGER	Makkovik, NL	[7] 25 2002 9:45	[7] 29 2002 15:28
Dom.	EASTERN TUGGER	Port Hope Simpson, NL	[8] 1 2002 11:42	[8] 2 2002 22:01
Dom.	EASTERN TUGGER	Voisey Bay	[8] 11 2002 19:30	[8] 22 2002 0:17
Dom.	EASTERN TUGGER	Goose Bay, NL	[8] 24 2002 21:00	[8] 26 2002 20:35
Dom.	EASTERN TUGGER	Cartwright, NL	[8] 4 2002 4:30	[8] 7 2002 8:21
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[8] 8 2002 16:05
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[9] 1 2002 1:30
For.	ELLEN KNUTSEN	Cape Dorset, NU	[8] 12 2002 10:00	[8] 15 2002 15:59
For.	ELLEN KNUTSEN	Iqaluit, NU	[8] 17 2002 2:00	[8] 20 2002 1:00
For.	ELLEN KNUTSEN	Repulse Bay, NU	[8] 23 2002 16:00	[8] 25 2002 13:00
For.	ELLEN KNUTSEN	Igloolik	[8] 28 2002 11:00	[8] 31 2002 23:45
For.	ELLEN KNUTSEN	Churchill, MB	[9] 12 2002 0:01	[9] 14 2002 18:00
For.	ELLEN KNUTSEN	Lake Harbour, NU	[9] 17 2002 7:00	[9] 18 2002 13:00
For.	ELLEN KNUTSEN	Hall Beach, NU	[9] 1 2002 4:00	[9] 6 2002 18:30
For.	ELLEN KNUTSEN	Rowley Island	[9] 6 2002 23:00	[9] 7 2002 3:15
For.	ELLEN KNUTSEN	Longstaff Bluff	[9] 7 2002 14:45	[9] 8 2002 20:30
For.	FEDERAL BAFFIN	Little Cornwallis Island	[8] 2 2002 6:30	[8] 4 2002 20:30
For.	FEDERAL BAFFIN	Little Cornwallis Island	[8] 31 2002 16:00	[9] 3 2002 13:12
For.	FEDERAL FRANKLIN	Navisivik, NU	[7] 25 2002 22:00	[7] 30 2002 0:00
For.	FEDERAL FRANKLIN	Little Cornwallis Island	[8] 25 2002 13:30	[8] 28 2002 2:00
For.	FEDERAL FRANKLIN	Little Cornwallis Island	Not reported	[9] 26 2002 13:00
For.	FEDERAL POLARIS	Navisivik, NU	[8] 3 2002 9:30	[8] 5 2002 18:48
For.	FEDERAL POLARIS	Navisivik, NU	[8] 30 2002 15:00	[9] 1 2002 14:18
For.	FEDERAL ST-LAURENT	Churchill, MB	[8] 6 2002 20:30	[8] 10 2002 1:48
For.	FEDERAL WESER	Churchill, MB	[9] 24 2002 7:42	[10] 2 2002 20:18
For.	HALIFAX	Goose Bay, NL	[7] 22 2002 23:45	[7] 24 2002 15:21
For.	HALIFAX	Goose Bay, NL	[8] 8 2002 17:30	[8] 12 2002 18:59
For.	HALIFAX	Goose Bay, NL	[8] 25 2002 15:45	[8] 28 2002 3:57
For.	HALIFAX	Goose Bay, NL	[9] 23 2002 9:00	[9] 24 2002 19:47
For.	HANSEATIC	Saglek Bay, NL	[7] 21 2002 18:20	[7] 22 2002 14:36
For.	HANSEATIC	Churchill, MB	[7] 27 2002 11:00	[7] 27 2002 22:00
For.	HANSEATIC	Erik Cove	[7] 29 2002 17:00	[7] 29 2002 21:11
For.	HANSEATIC	Akpatok Island	[7] 30 2002 19:00	[7] 30 2002 20:30
Dom.	HARP	Fox Harbour	[7] 13 2002 0:40	[7] 13 2002 13:58
Dom.	HARP	Fox Harbour	[7] 13 2002 15:00	[7] 17 2002 7:30
Dom.	HARP	Fox Harbour	[8] 15 2002 12:00	[8] 15 2002 12:08
Dom.	HARP	Cartwright, NL	[8] 25 2002 6:20	[8] 27 2002 10:35
Dom.	HARP	Fox Harbour	[8] 4 2002 22:30	[8] 5 2002 8:15
Dom.	HARP	Fox Harbour	[8] 5 2002 13:50	[8] 6 2002 7:52
Dom.	HARP	Black Tickle	[9] 11 2002 10:20	[9] 11 2002 14:53
Dom.	HARP	Black Tickle	[9] 12 2002 10:16	[9] 12 2002 10:30
Dom.	HARP	Williams Harbour	[9] 12 2002 12:30	[9] 14 2002 10:55
For.	HC ELIDA	Churchill, MB	[8] 19 2002 3:20	[8] 24 2002 1:12
For.	HC ELIDA	Iqaluit, NU	[8] 27 2002 13:05	[8] 30 2002 14:00
For.	HC ELIDA	Iqaluit, NU	[8] 5 2002 12:00	[8] 9 2002 14:30
Dom.	HENRY LARSEN	Cape Dorset, NU	[10] 8 2002 0:01	[10] 8 2002 0:01
Dom.	HENRY LARSEN	Iqaluit, NU	[7] 15 2002 23:00	[7] 17 2002 22:50
Dom.	HENRY LARSEN	Repulse Bay, NU	Not reported	[9] 21 2002 0:13
Dom.	HENRY LARSEN	Iqaluit, NU	[9] 25 2002 12:00	[9] 25 2002 11:59
Dom.	HENRY LARSEN	Iqaluit, NU	[9] 26 2002 0:01	[9] 26 2002 0:01
Dom.	HMCS Goose Bay, NL	Iqaluit, NU	[8] 1 2002 13:00	[8] 3 2002 1:15
Dom.	HMCS Goose Bay, NL	Resolution Island, NT	[8] 4 2002 2:45	[8] 4 2002 13:00
Dom.	HMCS Goose Bay, NL	Resolution Island, NT	Not reported	[8] 4 2002 16:00
Dom.	HMCS SUMMERSIDE	Lake Harbour, NU	[8] 1 2002 14:00	[8] 3 2002 1:00
Dom.	HMCS SUMMERSIDE	Resolution Island, NT	[8] 4 2002 2:45	[8] 4 2002 13:00
Dom.	HUDSON	Southern Labrador Bank	[7] 2 2002 11:31	[7] 8 2002 10:30
Dom.	JACQUES DESGAGNES	Iqaluit, NU	[8] 31 2002 2:06	[9] 1 2002 19:40
Dom.	JACQUES DESGAGNES	Quaqtaq, QC	[9] 4 2002 0:30	[9] 5 2002 19:30

Dom.	JADE STAR	Goose Bay, NL	[7] 16 2002 19:50	[7] 17 2002 5:00
Dom.	JARRETT MCKEIL	Postville, NL	Not reported	[8] 10 2002 8:30
Dom.	JARRETT MCKEIL	Postville, NL	[8] 9 2002 10:00	[8] 10 2002 8:39
Dom.	JARRETT MCKEIL	Goose Bay, NL	[8] 11 2002 23:40	[8] 14 2002 22:54
Dom.	JARRETT MCKEIL	Postville, NL	[8] 16 2002 15:50	[8] 18 2002 16:32
Dom.	JARRETT MCKEIL	Voisey Bay	[8] 19 2002 14:48	[8] 22 2002 18:55
Dom.	JARRETT MCKEIL	Davis Inlet	[8] 5 2002 23:55	[8] 8 2002 19:23
Dom.	JIM KILABUK	Voisey Bay	[11] 28 2002 11:06	[12] 3 2002 23:30
Dom.	JOCK MCNIVEN	Tuktoyaktuk Harbour	Not reported	[8] 15 2002 8:43
Dom.	JOCK MCNIVEN	Tuktoyaktuk Harbour	Not reported	[8] 3 2002 8:35
Dom.	JOCK MCNIVEN	Cape Parry/Pin Main	[8] 8 2002 8:00	[8] 8 2002 14:45
Dom.	JOCK MCNIVEN	Tuktoyaktuk Harbour	Not reported	[9] 5 2002 8:14
Dom.	KALIUTIK	Hopedale, NL	Not reported	[11] 13 2002 21:32
Dom.	KALIUTIK	Hopedale, NL	[8] 12 2002 0:01	[8] 13 2002 22:01
Dom.	KALIUTIK	Voisey Bay	[8] 12 2002 0:01	[8] 13 2002 22:01
Dom.	KALIUTIK	Cartwright, NL	[8] 14 2002 21:57	[8] 15 2002 3:31
Dom.	KALIUTIK	Hopedale, NL	[7] 26 2002 6:55	[8] 2 2002 11:33
Dom.	KALIUTIK	Nain, NL	[7] 26 2002 6:55	[8] 2 2002 11:33
Dom.	KALIUTIK	Nain, NL	[8] 28 2002 16:00	[8] 30 2002 9:00
Dom.	KALIUTIK	Goose Bay, NL	Not reported	[8] 8 2002 11:52
Dom.	KALIUTIK	Goose Bay, NL	Not reported	[9] 21 2002 20:51
For.	KAPITAN KHLEBNIKOV	Holman, NT	[7] 29 2002 11:00	[7] 29 2002 21:09
For.	KAPITAN KHLEBNIKOV	Johansen Bay	[7] 30 2002 13:30	[7] 31 2002 0:22
For.	KAPITAN KHLEBNIKOV	Cambridge Bay, NU	[7] 31 2002 13:30	[7] 31 2002 15:14
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 16 2002 7:00	[8] 17 2002 0:00
For.	KAPITAN KHLEBNIKOV	Prince Leopold Island	[8] 2 2002 18:30	[8] 2 2002 20:32
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 29 2002 6:00	[8] 29 2002 23:00
For.	KAPITAN KHLEBNIKOV	Resolute, NU	Not reported	[8] 6 2002 23:58
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[8] 7 2002 16:00	[8] 7 2002 18:00
For.	KAPITAN KHLEBNIKOV	Thule/Qanaq	[8] 8 2002 7:45	[8] 8 2002 6:00
For.	KAPITAN SVIRIDOV	Deception Bay	[9] 23 2002 17:15	[9] 26 2002 2:20
Dom.	KEEWATIN	Rankin Inlet, NU	[10] 7 2002 19:55	[10] 12 2002 13:00
Dom.	KEEWATIN	Chesterfield Inlet, NU	[10] 12 2002 22:50	[10] 15 2002 17:00
Dom.	KEEWATIN	Rankin Inlet, NU	[10] 16 2002 1:20	[10] 16 2002 15:00
Dom.	KEEWATIN	Churchill, MB	[10] 18 2002 2:30	[10] 18 2002 17:15
Dom.	KEEWATIN	Rankin Inlet, NU	[10] 20 2002 13:00	[10] 22 2002 21:09
Dom.	KEEWATIN	Eskimo Point, NU	[10] 23 2002 15:30	[10] 24 2002 13:00
Dom.	KEEWATIN	Churchill, MB	[10] 25 2002 6:45	[10] 26 2002 11:00
Dom.	KEEWATIN	Rankin Inlet, NU	[10] 28 2002 15:30	[10] 29 2002 14:30
Dom.	KEEWATIN	Churchill, MB	[9] 30 2002 11:00	[10] 3 2002 3:30
Dom.	KEEWATIN	Eskimo Point, NU	[10] 4 2002 1:00	[10] 6 2002 20:20
Dom.	KEEWATIN	Churchill, MB	Not reported	[7] 13 2002 9:34
Dom.	KEEWATIN	Eskimo Point, NU	[7] 14 2002 4:15	[7] 16 2002 20:02
Dom.	KEEWATIN	Churchill, MB	[7] 17 2002 14:10	[7] 18 2002 19:10
Dom.	KEEWATIN	Whale Cove, NU	[7] 19 2002 22:10	[7] 21 2002 17:35
Dom.	KEEWATIN	Rankin Inlet, NU	[7] 22 2002 6:15	[7] 22 2002 9:36
Dom.	KEEWATIN	Churchill, MB	[7] 23 2002 18:10	[7] 25 2002 13:00
Dom.	KEEWATIN	Rankin Inlet, NU	[7] 26 2002 23:30	[7] 29 2002 19:30
Dom.	KEEWATIN	Churchill, MB	[7] 31 2002 3:00	[8] 1 2002 19:10
Dom.	KEEWATIN	Baker Lake, NU	[8] 8 2002 22:30	[8] 11 2002 12:00
Dom.	KEEWATIN	Churchill, MB	[8] 13 2002 19:00	[8] 15 2002 11:20
Dom.	KEEWATIN	Chesterfield Inlet, NU	[8] 17 2002 11:00	[8] 18 2002 10:56
Dom.	KEEWATIN	Baker Lake, NU	[8] 19 2002 18:05	[8] 22 2002 8:59
Dom.	KEEWATIN	Churchill, MB	Not reported	[8] 26 2002 11:23
Dom.	KEEWATIN	Rankin Inlet, NU	[8] 4 2002 3:06	[8] 4 2002 10:00
Dom.	KEEWATIN	Churchill, MB	[8] 5 2002 13:30	[8] 5 2002 23:00
Dom.	KEEWATIN	Rankin Inlet, NU	[9] 10 2002 22:40	[9] 10 2002 13:33
Dom.	KEEWATIN	Eskimo Point, NU	[9] 11 2002 14:45	[9] 12 2002 1:00
Dom.	KEEWATIN	Churchill, MB	[9] 12 2002 21:45	[9] 17 2002 23:34
Dom.	KEEWATIN	Baker Lake, NU	[9] 20 2002 19:50	[9] 24 2002 13:45

Dom.	KEEWATIN	Chesterfield Inlet, NU	[9] 25 2002 22:50	[9] 28 2002 1:00
Dom.	KEEWATIN	Whale Cove, NU	[9] 28 2002 15:35	[9] 29 2002 3:40
Dom.	KEEWATIN	Coral Harbour, NU	[8] 29 2002 12:00	[9] 3 2002 1:40
Dom.	KEEWATIN	Repulse Bay, NU	[9] 5 2002 1:45	[9] 6 2002 18:40
Dom.	KEEWATIN	Chesterfield Inlet, NU	[9] 8 2002 11:45	[9] 9 2002 11:00
Dom.	KELLY OVAYUAK	Tuktoyaktuk Harbour	Not reported	[8] 26 2002 7:10
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For.	KIGORIA	Tuktoyaktuk Harbour	[7] 31 2002 7:00	[8] 1 2002 14:00
For.	KIGORIA	Tuktoyaktuk Harbour	[8] 16 2002 3:00	[8] 18 2002 7:00
For.	KONSTAN. KONSTANTINOV	Pangnirtung, NU	[10] 27 2002 21:35	[10] 30 2002 2:40
Dom.	LOUIS S. ST-LAURENT	Resolute, NU	[10] 10 2002 12:00	[10] 10 2002 20:00
Dom.	LOUIS S. ST-LAURENT	Navisivik, NU	[10] 22 2002 11:00	[10] 22 2002 11:02
Dom.	LOUIS S. ST-LAURENT	Arctic Bay, NU	[10] 3 2002 19:59	[10] 3 2002 20:00
Dom.	MATHILDA DESGAGNES	George River, QC	[10] 1 2002 5:25	[10] 4 2002 1:15
Dom.	MATHILDA DESGAGNES	Tasiujaq, QC	[10] 4 2002 13:00	[10] 5 2002 2:30
Dom.	MATHILDA DESGAGNES	Aupaluk	[10] 5 2002 9:45	[10] 7 2002 2:15
Dom.	MATHILDA DESGAGNES	Wakeham Bay, QC	[7] 14 2002 5:30	[7] 14 2002 14:50
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Dom.	MATHILDA DESGAGNES	George River, QC	[7] 21 2002 20:50	[7] 24 2002 1:40
Dom.	MATHILDA DESGAGNES	Tasiujaq, QC	[7] 24 2002 13:00	[7] 25 2002 4:00
Dom.	MATHILDA DESGAGNES	Aupaluk	[7] 25 2002 11:30	[7] 26 2002 2:45
Dom.	MATHILDA DESGAGNES	Kangirsuk, QC	[7] 26 2002 11:15	[7] 27 2002 0:45
Dom.	MATHILDA DESGAGNES	Resolution Island, NT	[7] 27 2002 20:00	[7] 28 2002 3:35
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Dom.	MATHILDA DESGAGNES	Iqaluit, NU	[8] 15 2002 18:30	[8] 18 2002 23:25
Dom.	MATHILDA DESGAGNES	George River, QC	[8] 20 2002 7:50	[8] 22 2002 16:15
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Dom.	MATHILDA DESGAGNES	Fort Chimo, QC	[8] 30 2002 10:30	[9] 1 2002 19:30
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Dom.	MATHILDA DESGAGNES	Resolution Island, NT	[9] 27 2002 17:00	[9] 27 2002 22:45
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Dom.	MATHILDA DESGAGNES	Quaqtaq, QC	[9] 2 2002 12:30	[9] 4 2002 17:50
Dom.	MATTHEW	Williams Harbour	[10] 9 2002 21:28	[10] 9 2002 20:40
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Dom.	MATTHEW	Nain, NL	[9] 25 2002 20:35	[9] 27 2002 14:00
Dom.	MATTHEW	Nain, NL	[8] 30 2002 11:00	[9] 4 2002 10:30
Dom.	MERSEY VIKING	Southern Labrador Bank	Not reported	[6] 19 2002 10:00
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Dom.	MOKAMI	Davis Inlet	[10] 5 2002 18:04	[10] 7 2002 7:00
Dom.	MOKAMI	Nain, NL	[10] 7 2002 12:40	[10] 7 2002 15:54
Dom.	MOKAMI	Nain, NL	[10] 7 2002 16:57	[10] 8 2002 6:55
Dom.	MOKAMI	Anaktalik Bay Harbour	[10] 8 2002 12:10	[10] 9 2002 7:52
Dom.	MOKAMI	Nain, NL	[11] 1 2002 17:49	[11] 2 2002 11:45
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Dom.	MOKAMI	Cartwright, NL	Not reported	[11] 26 2002 23:35
Dom.	MOKAMI	Black Tickle	[11] 27 2002 5:00	[11] 27 2002 17:21
Dom.	MOKAMI	Port Hope Simpson, NL	[11] 28 2002 0:56	[11] 28 2002 10:46
Dom.	MOKAMI	Davis Inlet	[11] 2 2002 21:12	[11] 3 2002 9:08
Dom.	MOKAMI	Sango Bay Harbour	[11] 3 2002 10:52	[11] 3 2002 16:41
Dom.	MOKAMI	Hopedale, NL	[11] 3 2002 22:37	[11] 4 2002 10:27
Dom.	MOKAMI	Postville, NL	[11] 4 2002 16:30	[11] 4 2002 23:23
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Dom.	MOKAMI	Black Tickle	[5] 20 2002 22:54	[5] 21 2002 8:35
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Dom.	MOKAMI	Postville, NL	[6] 26 2002 19:09	[6] 26 2002 18:39
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Dom.	MOKAMI	Port Hope Simpson, NL	[6] 4 2002 20:17	[6] 5 2002 0:31
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Dom.	MOKAMI	Nain, NL	[7] 18 2002 18:58	[7] 18 2002 22:00
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Dom.	MOKAMI	Rankin Inlet, NU	[7] 22 2002 22:25	[7] 24 2002 8:25
Dom.	MOKAMI	Eskimo Point, NU	[7] 24 2002 21:25	[7] 26 2002 0:18
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Dom.	MOKAMI	Rankin Inlet, NU	[8] 16 2002 3:25	[8] 17 2002 17:10
Dom.	MOKAMI	Igloolik	[8] 20 2002 10:40	[8] 21 2002 7:46
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Dom.	NEWFOUND PIONEER	Southern Labrador Bank	[5] 23 2002 5:37	[6] 15 2002 11:18
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Dom.	NEWFOUNDLAND OTTER	Southern Labrador Bank	[7] 27 2002 17:00	[7] 29 2002 10:18
Dom.	NORTHERN EAGLE	Southern Labrador Bank	[6] 1 2002 18:06	[6] 19 2002 19:06
Dom.	NORTHERN RANGER	Nain, NL	[10] 10 2002 14:50	[10] 10 2002 17:42
Dom.	NORTHERN RANGER	Nain, NL	[10] 23 2002 16:50	[10] 23 2002 18:48
Dom.	NORTHERN RANGER	Nain, NL	[7] 18 2002 15:03	[7] 18 2002 17:14
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Dom.	NORTHERN RANGER	Nain, NL	[7] 7 2002 9:55	[7] 7 2002 13:32
Dom.	NORTHERN RANGER	Nain, NL	[8] 11 2002 16:59	[8] 11 2002 15:48
Dom.	NORTHERN RANGER	Nain, NL	[8] 23 2002 13:35	[8] 23 2002 16:35
Dom.	NORTHERN RANGER	Nain, NL	[9] 16 2002 15:55	[9] 16 2002 17:19
Dom.	NORTHERN RANGER	Nain, NL	[9] 28 2002 14:30	[9] 28 2002 16:40
Dom.	NORTHERN RANGER	Nain, NL	[9] 4 2002 13:45	[9] 4 2002 15:40
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Dom.	NORTHERN TUGGER	Goose Bay, NL	[10] 27 2002 0:15	[10] 30 2002 19:31
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[11] 16 2002 0:20	[11] 17 2002 17:49
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[11] 7 2002 1:06	[11] 9 2002 10:17
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[6] 7 2002 2:19	[6] 8 2002 13:43
Dom.	NORTHERN TUGGER	Goose Bay, NL	[7] 16 2002 12:00	[7] 19 2002 20:54
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[7] 1 2002 13:00	[7] 3 2002 8:20
Dom.	NORTHERN TUGGER	Voisey Bay	[8] 15 2002 21:29	[8] 22 2002 18:21
Dom.	NORTHERN TUGGER	Goose Bay, NL	[8] 24 2002 13:00	[8] 24 2002 20:56
Dom.	NORTHERN TUGGER	Goose Bay, NL	[8] 25 2002 5:06	[8] 28 2002 20:27
Dom.	NORTHERN TUGGER	Goose Bay, NL	[9] 23 2002 12:50	[9] 27 2002 17:05
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Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 10 2002 22:00	[8] 15 2002 4:45
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[8] 21 2002 15:51	[8] 24 2002 4:25
Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 29 2002 17:00	[8] 30 2002 11:35
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[8] 3 2002 17:25	[8] 5 2002 3:30
Dom.	NUNAKPUT	Gjoa Haven	[9] 1 2002 7:19	[9] 2 2002 12:05
Dom.	NUNAKPUT	Taloyoak/Spence Bay	[9] 3 2002 6:10	[9] 7 2002 2:00
Dom.	OLLIE J	Belcher Islands, NU	[10] 2 2002 9:00	[10] 3 2002 20:00
Dom.	OLLIE J	Sango Bay Harbour	[10] 29 2002 2:14	[10] 31 2002 14:17
Dom.	OLLIE J	Churchill, MB	[10] 8 2002 22:00	[10] 9 2002 16:15
Dom.	OLLIE J	Davis Inlet	[7] 15 2002 10:30	[7] 19 2002 16:30
Dom.	OLLIE J	Goose Bay, NL	[8] 19 2002 6:18	[8] 24 2002 8:19
Dom.	OLLIE J	Voisey Bay	[8] 27 2002 10:00	[8] 29 2002 12:30
Dom.	OLLIE J	Cartwright, NL	[9] 6 2002 18:00	[9] 14 2002 13:41
Dom.	OLLIE J	Churchill, MB	[9] 27 2002 23:00	[9] 28 2002 15:00
For.	OTTO	Southern Labrador Bank	[11] 25 2002 5:46	[11] 25 2002 10:00
Dom.	PETROLIA DESGAGNES	Salluit, QC	[7] 8 2002 13:00	[7] 10 2002 15:12
Dom.	PETROLIA DESGAGNES	Akulivik	[7] 11 2002 8:42	[7] 12 2002 8:54
Dom.	PETROLIA DESGAGNES	Puvirnituq	[7] 12 2002 19:36	[7] 16 2002 22:39
Dom.	PETROLIA DESGAGNES	Fort Chimo, QC	Not reported	[7] 19 2002 14:30

Dom.	PETROLIA DESGAGNES	Aupaluk	[7] 19 2002 23:30	[7] 21 2002 11:30
Dom.	PETROLIA DESGAGNES	Fort Chimo, QC	[7] 22 2002 1:12	[7] 28 2002 17:00
Dom.	PIERRE RADISSON	Iqaluit, NU	[7] 10 2002 1:45	[7] 10 2002 19:00
Dom.	PIERRE RADISSON	Nordreg	[8] 7 2002 19:55	[8] 7 2002 20:00
Dom.	PIERRE RADISSON	Quaqtaq, QC	[8] 7 2002 19:55	[8] 7 2002 20:00
Dom.	PIERRE RADISSON	Resolute, NU	[9] 18 2002 19:30	[9] 18 2002 21:04
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Dom.	PISURAYAK KOOTOOK	Cape Parry/Pin Main	[7] 25 2002 21:00	[7] 28 2002 21:30
Dom.	PISURAYAK KOOTOOK	Sachs Harbour	[7] 29 2002 19:15	[8] 1 2002 22:41
Dom.	PISURAYAK KOOTOOK	Holman, NT	[8] 4 2002 4:00	[8] 10 2002 20:00
For.	POLAR STAR	Black Tickle	[9] 22 2002 10:11	[9] 22 2002 17:41
For.	POSEIDON	Labrador Bank	[5] 23 2002 20:30	[5] 29 2002 22:24
For.	ROTTERDAM	Nuuk/Godthaab	Not reported	[9] 6 2002 14:00
Dom.	SAINT ORAN	Goose Bay, NL	[10] 19 2002 12:30	[10] 20 2002 21:44
Dom.	SAINT ORAN	Hopedale, NL	[10] 22 2002 19:20	[10] 23 2002 12:31
Dom.	SAINT ORAN	Cartwright, NL	[11] 9 2002 18:45	[11] 10 2002 20:47
Dom.	SAINT ORAN	Goose Bay, NL	[11] 2 2002 20:15	[11] 3 2002 19:05
Dom.	SAINT ORAN	Fox Harbour	[11] 4 2002 22:42	[11] 5 2002 18:43
Dom.	SAINT ORAN	Norman Bay Harbour	[11] 8 2002 17:08	[11] 8 2002 19:01
Dom.	SAINT ORAN	Mary's Harbour, NL	[11] 9 2002 0:06	[11] 9 2002 2:03
Dom.	SAINT ORAN	Davis Inlet	[7] 18 2002 15:05	[7] 21 2002 16:20
Dom.	SAINT ORAN	Nain, NL	[7] 18 2002 15:05	[7] 21 2002 16:20
Dom.	SAINT ORAN	Goose Bay, NL	[7] 31 2002 9:30	[7] 31 2002 23:27
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Dom.	SAINT ORAN	Mary's Harbour, NL	[9] 17 2002 11:37	[9] 17 2002 21:47
Dom.	SAINT ORAN	Rigolet	[9] 26 2002 8:27	[9] 26 2002 21:21
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Dom.	SAINT ORAN	Cartwright, NL	[9] 7 2002 17:30	[9] 8 2002 13:55
Dom.	SAINT ORAN	Goose Bay, NL	[9] 9 2002 9:00	[9] 9 2002 23:14
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Dom.	SIBYL W	Williams Harbour	[10] 12 2002 16:23	[10] 13 2002 9:24
Dom.	SIBYL W	Charlottetown Lab. Harb.	[10] 13 2002 13:48	[10] 14 2002 8:58
Dom.	SIBYL W	Pinsents Arm Harbour	[10] 14 2002 11:53	[10] 14 2002 13:23
Dom.	SIBYL W	Norman Bay Harbour	[10] 14 2002 16:39	[10] 14 2002 19:53
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Dom.	SIBYL W	Fox Harbour	[10] 4 2002 23:08	[10] 5 2002 9:29
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Dom.	SIBYL W	Fox Harbour	[10] 6 2002 17:21	[10] 7 2002 9:24
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Dom.	SIBYL W	Fox Harbour	[11] 17 2002 23:57	[11] 18 2002 5:05

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Dom.	SIBYL W	Port Hope Simpson, NL	[6] 16 2002 17:40	[6] 16 2002 22:50
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Dom.	SIBYL W	Cartwright, NL	[6] 7 2002 10:55	[6] 7 2002 22:08
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Dom.	SIBYL W	Mary's Harbour, NL	[7] 19 2002 0:15	[7] 19 2002 3:04
Dom.	SIBYL W	Fox Harbour	[7] 19 2002 4:36	[7] 19 2002 11:36
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Dom.	SIBYL W	Voisey Bay	[8] 13 2002 0:09	[8] 14 2002 6:46
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Dom.	SIBYL W	Rigolet	[8] 15 2002 13:10	[8] 15 2002 23:10
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Dom.	SIR ROBERT BOND	Goose Bay, NL	[10] 18 2002 14:50	[10] 19 2002 2:42
Dom.	SIR ROBERT BOND	Goose Bay, NL	[10] 24 2002 13:04	[10] 25 2002 2:27
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Dom.	SIR ROBERT BOND	Goose Bay, NL	Not reported	[10] 30 2002 23:30
Dom.	SIR ROBERT BOND	Goose Bay, NL	[10] 4 2002 14:57	[10] 4 2002 22:52
Dom.	SIR ROBERT BOND	Goose Bay, NL	[11] 12 2002 4:48	[11] 13 2002 2:19
Dom.	SIR ROBERT BOND	Goose Bay, NL	[11] 18 2002 12:30	[11] 18 2002 23:45
Dom.	SIR ROBERT BOND	Cartwright, NL	[11] 19 2002 13:01	[11] 19 2002 15:29
Dom.	SIR ROBERT BOND	Goose Bay, NL	[11] 20 2002 6:00	[11] 20 2002 15:27
Dom.	SIR ROBERT BOND	Cartwright, NL	[11] 23 2002 23:35	[11] 24 2002 12:20

Dom.	SIR ROBERT BOND	Cartwright, NL	[11] 27 2002 6:30	[11] 28 2002 20:23
Dom.	SIR ROBERT BOND	Goose Bay, NL	[11] 3 2002 13:30	[11] 3 2002 23:10
Dom.	SIR ROBERT BOND	Goose Bay, NL	[9] 25 2002 12:00	[9] 25 2002 20:45
Dom.	SIR ROBERT BOND	Goose Bay, NL	[9] 29 2002 18:58	[9] 30 2002 1:00
Dom.	SIR WILFRID LAURIER	Cambridge Bay, NU	[8] 14 2002 14:00	[8] 15 2002 22:15
Dom.	SIR WILFRID LAURIER	Cambridge Bay, NU	[9] 24 2002 0:01	[9] 24 2002 12:00
Dom.	SIR WILFRID LAURIER	Cambridge Bay, NU	[9] 26 2002 0:01	[9] 26 2002 0:01
For.	SLOMAN PROVIDER	Goose Bay, NL	Not reported	[7] 22 2002 13:00
For.	SOFIE THERESA	Pangnirtung, NU	[8] 8 2002 7:10	[8] 17 2002 17:10
For.	SOFIE THERESA	Resolution Island, NT	[8] 22 2002 3:35	[8] 22 2002 22:10
For.	SOFIE THERESA	Breevoort	[8] 23 2002 13:05	[8] 24 2002 5:00
For.	SOFIE THERESA	Cape Dyer	[8] 26 2002 9:10	[8] 26 2002 22:00
For.	SOFIE THERESA	Cape Hooper	[8] 27 2002 14:30	[8] 27 2002 23:10
For.	SOFIE THERESA	Broughton Island, NU	[8] 29 2002 8:00	[8] 30 2002 1:25
For.	SOFIE THERESA	Resolution Island, NT	[8] 5 2002 19:40	[8] 6 2002 10:30
Dom.	TERRY FOX	Iqaluit, NU	[10] 3 2002 16:30	[10] 3 2002 23:00
Dom.	TERRY FOX	Resolute, NU	[7] 31 2002 23:00	[8] 1 2002 19:40
Dom.	TERRY FOX	Prince Leopold Island	[8] 14 2002 11:00	[8] 14 2002 10:59
Dom.	TERRY FOX	Navisivik, NU	[9] 12 2002 20:30	[9] 13 2002 0:22
Dom.	TERRY FOX	Navisivik, NU	[9] 24 2002 14:15	[9] 24 2002 23:00
Dom.	TERRY FOX	Navisivik, NU	Not reported	[9] 6 2002 11:00
Dom.	TERRY FOX	Navisivik, NU	[9] 6 2002 20:00	[9] 6 2002 17:15
Dom.	TERRY FOX	Nordreg	[9] 6 2002 20:00	[9] 6 2002 17:15
Dom.	TONY MACKAY	Goose Bay, NL	[10] 8 2002 21:55	[10] 12 2002 6:13
Dom.	TONY MACKAY	Goose Bay, NL	[10] 22 2002 4:00	[10] 25 2002 10:49
Dom.	TONY MACKAY	Goose Bay, NL	[11] 7 2002 15:00	[11] 13 2002 19:45
Dom.	TONY MACKAY	Cartwright, NL	[11] 28 2002 15:07	[12] 5 2002 12:39
For.	TORILL KNUTSEN	Pangnirtung, NU	[8] 13 2002 7:00	[8] 14 2002 18:55
For.	TORILL KNUTSEN	Broughton Island, NU	[8] 20 2002 23:25	[8] 23 2002 11:42
For.	TORILL KNUTSEN	Clyde River	[8] 24 2002 11:00	[8] 26 2002 19:00
For.	TORILL KNUTSEN	Arctic Bay, NU	[8] 28 2002 18:00	[8] 30 2002 4:20
For.	TORILL KNUTSEN	Resolution Island, NT	[8] 5 2002 19:40	[8] 6 2002 12:40
For.	TORILL KNUTSEN	Navisivik, NU	[8] 30 2002 8:15	[9] 1 2002 1:30
For.	TORILL KNUTSEN	Resolute, NU	[9] 9 2002 20:00	[9] 10 2002 14:45
For.	TORILL KNUTSEN	Navisivik, NU	[9] 11 2002 18:20	[9] 12 2002 3:00
For.	TORILL KNUTSEN	Pangnirtung, NU	[9] 15 2002 13:45	[9] 16 2002 23:00
For.	TORILL KNUTSEN	Grisefiord, NU	[9] 2 2002 9:00	[9] 3 2002 5:00
For.	TORILL KNUTSEN	Pond Inlet, NU	[9] 4 2002 8:00	[9] 8 2002 13:30
Dom.	TRANS GULF	Goose Bay, NL	[10] 9 2002 0:01	[10] 10 2002 8:30
Dom.	TRANS GULF	Nain, NL	[10] 13 2002 10:30	[10] 14 2002 2:57
Dom.	TRANS GULF	Goose Bay, NL	[10] 16 2002 23:00	[10] 18 2002 15:27
Dom.	TRANS GULF	Nain, NL	[10] 24 2002 18:22	[10] 25 2002 16:40
Dom.	TRANS GULF	Nain, NL	[10] 2 2002 19:20	[10] 3 2002 14:30
Dom.	TRANS GULF	Goose Bay, NL	[7] 11 2002 19:44	[7] 12 2002 4:38
Dom.	TRANS GULF	Goose Bay, NL	[7] 25 2002 2:20	[7] 26 2002 20:55
Dom.	TRANS GULF	Goose Bay, NL	[7] 1 2002 22:52	[7] 3 2002 0:07
Dom.	TRANS GULF	Nain, NL	Not reported	[7] 31 2002 16:58
Dom.	TRANS GULF	Nain, NL	[8] 24 2002 10:52	[8] 24 2002 11:52
Dom.	TRANS GULF	Goose Bay, NL	[8] 27 2002 2:00	[8] 28 2002 9:56
Dom.	TRANS GULF	Nain, NL	[8] 31 2002 9:30	[8] 31 2002 13:47
Dom.	TRANS GULF	Goose Bay, NL	[8] 3 2002 8:00	[8] 4 2002 5:30
Dom.	TRANS GULF	Nain, NL	[8] 7 2002 3:10	[8] 7 2002 12:27
Dom.	TRANS GULF	Postville, NL	Not reported	[9] 15 2002 17:18
Dom.	TRANS GULF	Nain, NL	[9] 17 2002 15:00	[9] 17 2002 18:30
Dom.	UMIAVUT	Fort Chimo, QC	[9] 25 2002 22:30	[10] 1 2002 17:45
Dom.	UMIAVUT	Puvirnituq	Not reported	[10] 11 2002 11:20
Dom.	UMIAVUT	Port Harrison, QC	Not reported	[10] 13 2002 10:00
Dom.	UMIAVUT	Umiujak (Richmond Gulf)	[10] 13 2002 22:00	[10] 14 2002 20:30
Dom.	UMIAVUT	Great Whale River, QC	Not reported	[10] 16 2002 2:40
Dom.	UMIAVUT	Puvirnituq	[10] 17 2002 3:30	[10] 18 2002 15:30

Dom.	UMIAVUT	Iqaluit, NU	[10] 21 2002 15:00	[10] 24 2002 20:25
Dom.	UMIAVUT	Rankin Inlet, NU	[10] 27 2002 10:00	[10] 29 2002 16:45
Dom.	UMIAVUT	Tasiujaq, QC	[10] 2 2002 3:35	[10] 3 2002 13:40
Dom.	UMIAVUT	Aupaluk	[10] 3 2002 20:20	[10] 4 2002 14:40
Dom.	UMIAVUT	Kangirsuk, QC	[10] 4 2002 21:05	[10] 5 2002 0:00
Dom.	UMIAVUT	Wakeham Bay, QC	[10] 5 2002 14:15	[10] 7 2002 2:10
Dom.	UMIAVUT	Salluit, QC	[10] 7 2002 14:35	[10] 8 2002 6:53
Dom.	UMIAVUT	Akulivik	[10] 9 2002 0:30	[10] 9 2002 6:30
Dom.	UMIAVUT	Port Harrison, QC	[10] 31 2002 10:30	[11] 1 2002 0:15
Dom.	UMIAVUT	Kangirsuk, QC	[11] 9 2002 3:00	[11] 11 2002 5:15
Dom.	UMIAVUT	Pangnirtung, NU	[11] 13 2002 9:00	[11] 14 2002 10:30
Dom.	UMIAVUT	Puvirnituq	[11] 1 2002 12:45	[11] 3 2002 0:19
Dom.	UMIAVUT	Ivujivik, QC	[11] 3 2002 10:50	[11] 7 2002 15:45
Dom.	UMIAVUT	Salluit, QC	[11] 7 2002 21:55	[11] 8 2002 6:00
Dom.	UMIAVUT	Iqaluit, NU	[7] 11 2002 6:30	[7] 13 2002 16:30
Dom.	UMIAVUT	George River, QC	[7] 15 2002 15:00	[7] 17 2002 3:05
Dom.	UMIAVUT	Aupaluk	[7] 18 2002 2:05	[7] 19 2002 22:05
Dom.	UMIAVUT	Quaqtaq, QC	[7] 20 2002 9:45	[7] 22 2002 2:00
Dom.	UMIAVUT	Wakeham Bay, QC	[7] 22 2002 10:25	[7] 24 2002 0:20
Dom.	UMIAVUT	Cape Dorset, NU	[7] 24 2002 16:50	[7] 25 2002 19:20
Dom.	UMIAVUT	Coral Harbour, NU	[7] 26 2002 18:40	[7] 27 2002 20:45
Dom.	UMIAVUT	Lake Harbour, NU	[7] 29 2002 8:40	[7] 30 2002 2:10
Dom.	UMIAVUT	Iqaluit, NU	[7] 31 2002 12:15	[8] 1 2002 18:15
Dom.	UMIAVUT	Clyde River	[8] 10 2002 7:00	[8] 11 2002 7:45
Dom.	UMIAVUT	Pond Inlet, NU	[8] 12 2002 14:45	[8] 13 2002 18:20
Dom.	UMIAVUT	Navisivik, NU	[8] 14 2002 19:15	[8] 15 2002 19:13
Dom.	UMIAVUT	Arctic Bay, NU	[8] 16 2002 1:45	[8] 16 2002 18:20
Dom.	UMIAVUT	Resolute, NU	[8] 17 2002 22:20	[8] 18 2002 20:00
Dom.	UMIAVUT	Grisefiord, NU	[8] 20 2002 9:20	[8] 20 2002 15:52
Dom.	UMIAVUT	Broughton Island, NU	[8] 22 2002 18:00	[8] 23 2002 8:10
Dom.	UMIAVUT	Pangnirtung, NU	[8] 24 2002 14:25	[8] 25 2002 1:45
Dom.	UMIAVUT	Iqaluit, NU	[8] 26 2002 12:40	[8] 26 2002 20:30
Dom.	UMIAVUT	Resolution Island, NT	[8] 27 2002 12:00	[8] 27 2002 0:40
Dom.	UMIAVUT	Pangnirtung, NU	[8] 4 2002 5:50	[8] 6 2002 0:30
Dom.	UMIAVUT	Iqaluit, NU	[9] 17 2002 22:20	[9] 21 2002 13:45
Dom.	UMIAVUT	Quaqtaq, QC	[9] 22 2002 10:45	[9] 23 2002 15:15
Dom.	UMIAVUT	George River, QC	[9] 24 2002 4:45	[9] 25 2002 16:30
Dom.	VEGA DESGAGNES	Goose Bay, NL	[11] 4 2002 20:00	[11] 5 2002 15:54
For.	VIEW BULKER	Churchill, MB	Not reported	[8] 23 2002 1:06
For.	VLADIMIR IGNATYUK	Resolute, NU	[8] 5 2002 12:00	[8] 5 2002 17:00

2003

Flag	Vessel name	Ported visited	Date, time arrival	Date, time departure
Dom.	MARIA DESGAGNES	Akulivik	[9] 28 2003 20:04	[10] 1 2003 6:30
Dom.	MARIA DESGAGNES	Kangirsuk, QC	[10] 5 2003 20:42	[10] 10 2003 15:00
Dom.	MARIA DESGAGNES	Salluit, QC	[10] 2 2003 1:10	[10] 4 2003 22:40
Dom.	MARIA DESGAGNES	Salluit, QC	[7] 9 2003 1:24	[7] 10 2003 14:06
Dom.	MARIA DESGAGNES	Great Whale River, QC	[7] 14 2003 14:10	[7] 20 2003 14:48
Dom.	MARIA DESGAGNES	Port Harrison, QC	[7] 21 2003 9:42	[7] 25 2003 11:36
Dom.	MARIA DESGAGNES	Diana Bay, QC	[8] 9 2003 19:12	[8] 10 2003 9:24
Dom.	MARIA DESGAGNES	Umiujak (Richmond Gulf)	[8] 12 2003 14:48	[8] 15 2003 21:30
Dom.	MARIA DESGAGNES	Puvirnituq	[8] 16 2003 19:42	[8] 26 2003 0:06
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[9] 14 2003 17:38	[9] 16 2003 15:24
Dom.	MARIA DESGAGNES	Quaqtaq, QC	[9] 17 2003 14:18	[9] 20 2003 16:00
Dom.	MARIA DESGAGNES	Kangirsuk, QC	[9] 21 2003 1:40	[9] 22 2003 21:44
Dom.	MARIA DESGAGNES	Wakeham Bay, QC	[9] 23 2003 11:15	[9] 26 2003 2:30
Dom.	MARIA DESGAGNES	Ivujivik, QC	[9] 26 2003 21:00	[9] 28 2003 7:12
Dom.	MARINER SEA	Voisey Bay	[11] 19 2003 17:50	[11] 24 2003 5:00
Dom.	MARINER SEA	Voisey Bay	[12] 3 2003 19:10	[12] 5 2003 14:05

For.	A ANNULER (OCEAN GRACE)	Churchill, MB	[7] 30 2003 15:18	[8] 3 2003 3:56
Dom.	A ANNULER (RELIANCE)	Port Burwell	Not reported	[10] 14 2003 9:16
Dom.	A ANNULER (RELIANCE)	Iqaluit, NU	[10] 15 2003 14:59	[10] 22 2003 10:30
Dom.	A ANNULER (RELIANCE)	Chesterfield Inlet, NU	[9] 12 2003 10:38	[9] 16 2003 23:19
Dom.	A ANNULER (RELIANCE)	Broughton Island, NU	[9] 4 2003 3:30	[9] 6 2003 12:30
For.	ADVENTURE 1	Churchill, MB	[9] 1 2003 13:00	[9] 4 2003 5:45
Dom.	AIVIK	Iqaluit, NU	[9] 30 2003 16:00	[10] 1 2003 21:30
Dom.	AIVIK	Black Tickle	Not reported	[10] 21 2003 11:21
Dom.	AIVIK	Iqaluit, NU	[10] 24 2003 6:15	[10] 28 2003 1:00
Dom.	AIVIK	George River, QC	[10] 29 2003 3:20	[10] 30 2003 7:50
Dom.	AIVIK	Wakeham Bay, QC	[11] 10 2003 7:10	[11] 11 2003 4:00
Dom.	AIVIK	Kangirsuk, QC	[11] 11 2003 17:33	[11] 13 2003 4:00
Dom.	AIVIK	Aupaluk	[11] 13 2003 10:05	[11] 15 2003 13:00
Dom.	AIVIK	Iqaluit, NU	[11] 16 2003 22:00	[11] 17 2003 21:50
Dom.	AIVIK	Fort Chimo, QC	[10] 30 2003 14:29	[11] 5 2003 12:30
Dom.	AIVIK	Kangirsuk, QC	[11] 6 2003 1:04	[11] 7 2003 18:42
Dom.	AIVIK	Aupaluk	[11] 8 2003 1:00	[11] 9 2003 15:00
Dom.	AIVIK	Fort Chimo, QC	[7] 8 2003 10:15	[7] 15 2003 15:30
Dom.	AIVIK	George River, QC	[7] 16 2003 0:10	[7] 17 2003 7:50
Dom.	AIVIK	Aupaluk	[7] 17 2003 18:20	[7] 19 2003 19:36
Dom.	AIVIK	Kangirsuk, QC	[7] 20 2003 1:45	[7] 21 2003 9:30
Dom.	AIVIK	Quaqtaq, QC	[7] 21 2003 18:00	[7] 22 2003 9:47
Dom.	AIVIK	Salluit, QC	[7] 23 2003 2:35	[7] 24 2003 16:15
Dom.	AIVIK	Ivujivik, QC	[7] 25 2003 1:45	[7] 25 2003 21:50
Dom.	AIVIK	Akulivik	[7] 26 2003 13:40	[7] 27 2003 16:30
Dom.	AIVIK	Puvirnituq	[7] 28 2003 2:30	[7] 28 2003 18:30
Dom.	AIVIK	Belcher Islands, NU	[7] 29 2003 23:45	[7] 30 2003 21:50
Dom.	AIVIK	Umiujak (Richmond Gulf)	[7] 31 2003 5:30	[7] 31 2003 14:45
Dom.	AIVIK	Tasiujaq, QC	[7] 6 2003 16:16	[7] 8 2003 1:20
Dom.	AIVIK	Great Whale River, QC	[7] 31 2003 22:12	[8] 1 2003 21:18
Dom.	AIVIK	Iqaluit, NU	[8] 26 2003 4:49	[8] 29 2003 4:35
Dom.	AIVIK	Tasiujaq, QC	[8] 30 2003 12:50	[8] 31 2003 20:55
Dom.	AIVIK	Aupaluk	[8] 4 2003 15:00	[8] 5 2003 7:50
Dom.	AIVIK	Iqaluit, NU	[8] 6 2003 8:53	[8] 7 2003 11:06
Dom.	AIVIK	Pangnirtung, NU	[9] 11 2003 15:30	[9] 14 2003 8:53
Dom.	AIVIK	Repulse Bay, NU	[9] 17 2003 12:05	[9] 22 2003 8:18
Dom.	AIVIK	Igloolik	[9] 23 2003 16:00	[9] 24 2003 12:30
Dom.	AIVIK	Hall Beach, NU	[9] 24 2003 16:30	[9] 28 2003 3:30
Dom.	AIVIK	Fort Chimo, QC	[9] 1 2003 6:25	[9] 7 2003 22:44
Dom.	AIVIK	Kangirsuk, QC	[9] 8 2003 10:40	[9] 9 2003 16:00
For.	AKADEMIK IOFFE	Godhavn/Qeqertarsuaq	Not reported	[7] 15 2003 15:26
For.	AKADEMIK IOFFE	High Bluff Island Harbour	[7] 18 2003 12:30	[7] 18 2003 16:30
For.	AKADEMIK IOFFE	Lake Harbour, NU	[7] 18 2003 19:25	[7] 19 2003 0:15
For.	AKADEMIK IOFFE	Salluit, QC	[7] 19 2003 20:50	[7] 19 2003 23:35
For.	AKADEMIK IOFFE	Ivujivik, QC	[7] 20 2003 13:50	[7] 20 2003 16:10
For.	AKADEMIK IOFFE	Erik Cove	[7] 20 2003 19:00	[7] 20 2003 23:25
For.	AKADEMIK IOFFE	Coral Harbour, NU	[7] 22 2003 4:40	[7] 22 2003 18:21
For.	AKADEMIK IOFFE	Marble Island	[7] 23 2003 13:10	[7] 23 2003 18:00
For.	AKADEMIK IOFFE	Rankin Inlet, NU	[7] 23 2003 20:50	[7] 24 2003 22:45
For.	AKADEMIK IOFFE	Marble Island	[7] 25 2003 1:30	[7] 25 2003 3:10
For.	AKADEMIK IOFFE	Walrus Island	[7] 25 2003 19:25	[7] 25 2003 20:00
For.	AKADEMIK IOFFE	Coral Harbour, NU	[7] 25 2003 23:55	[7] 26 2003 4:40
For.	AKADEMIK IOFFE	Ivujivik, QC	[7] 26 2003 19:30	[7] 27 2003 0:20
For.	AKADEMIK IOFFE	Cape Dorset, NU	[7] 27 2003 11:50	[7] 27 2003 19:00
For.	AKADEMIK IOFFE	Lake Harbour, NU	[7] 28 2003 13:30	[7] 28 2003 17:25
For.	AKADEMIK IOFFE	Shaftesbury Inlet Harbour	[7] 28 2003 21:00	[7] 29 2003 1:17
For.	AKADEMIK IOFFE	Monumental Island port	[7] 29 2003 18:05	[7] 29 2003 21:01
For.	AKADEMIK IOFFE	Kekerten Island	[7] 30 2003 12:55	[7] 30 2003 16:30
For.	AKADEMIK IOFFE	Pangnirtung, NU	[7] 30 2003 19:50	[7] 31 2003 2:05
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 10 2003 14:20	[8] 10 2003 22:05

For.	AKADEMIK IOFFE	Dundas Harbour	[8] 11 2003 19:25	[8] 11 2003 22:45
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 12 2003 12:20	[8] 12 2003 15:30
For.	AKADEMIK IOFFE	Navisivik, NU	[8] 13 2003 16:00	[8] 13 2003 19:25
For.	AKADEMIK IOFFE	Navisivik, NU	[8] 13 2003 23:20	[8] 14 2003 17:50
For.	AKADEMIK IOFFE	Arctic Bay, NU	[8] 14 2003 21:15	[8] 15 2003 0:15
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 15 2003 19:40	[8] 15 2003 23:50
For.	AKADEMIK IOFFE	Griffin Inlet	[8] 16 2003 19:15	[8] 16 2003 23:25
For.	AKADEMIK IOFFE	Maxwell Bay	[8] 17 2003 11:40	[8] 17 2003 16:40
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 18 2003 11:20	[8] 18 2003 16:25
For.	AKADEMIK IOFFE	Cape Hay	[8] 18 2003 22:20	[8] 18 2003 23:50
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 19 2003 14:20	[8] 19 2003 18:05
For.	AKADEMIK IOFFE	Uummannaq	Not reported	[8] 26 2003 20:00
For.	AKADEMIK IOFFE	Cape Hay	[8] 28 2003 17:20	[8] 28 2003 21:08
For.	AKADEMIK IOFFE	Low Point	[8] 29 2003 11:20	[8] 29 2003 14:55
For.	AKADEMIK IOFFE	Isabella Bay	[8] 31 2003 12:20	[8] 31 2003 14:20
For.	AKADEMIK IOFFE	Broughton Island, NU	[8] 7 2003 16:35	[8] 7 2003 21:35
For.	AKADEMIK IOFFE	Henley Harbour	[9] 14 2003 9:40	[9] 14 2003 13:55
For.	AKADEMIK IOFFE	Pangnirtung, NU	[9] 2 2003 11:05	[9] 2 2003 18:18
For.	AKADEMIK IOFFE	Kekerten Island	[9] 2 2003 21:30	[9] 2 2003 23:38
For.	AKADEMIK IOFFE	Monumental Island port	[9] 3 2003 16:01	[9] 3 2003 17:25
For.	AKADEMIK IOFFE	Iqaluit, NU	[9] 4 2003 13:10	[9] 4 2003 17:30
Dom.	ALEX GORDON	Voisey Bay	[12] 7 2003 2:39	[12] 8 2003 15:11
Dom.	ALEX GORDON	Herschel Island	Not reported	[8] 17 2003 3:18
Dom.	AMELIA DESGAGNES	Kangirsuk, QC	[9] 30 2003 16:00	[10] 1 2003 16:00
Dom.	AMELIA DESGAGNES	Iqaluit, NU	[10] 10 2003 0:00	[10] 12 2003 2:22
Dom.	AMELIA DESGAGNES	George River, QC	[10] 2 2003 5:30	[10] 4 2003 7:12
Dom.	AMELIA DESGAGNES	Fort Chimo, QC	Not reported	[10] 8 2003 12:15
Dom.	AMELIA DESGAGNES	Iqaluit, NU	[9] 22 2003 22:10	[9] 26 2003 13:20
Dom.	AMELIA DESGAGNES	Kangirsuk, QC	[9] 28 2003 11:04	[9] 30 2003 0:01
Dom.	AMELIA DESGAGNES	Wakeham Bay, QC	[9] 28 2003 11:04	[9] 30 2003 0:01
Dom.	AMUNDSEN	Coppermine, NU	[10] 15 2003 21:00	[10] 15 2003 22:00
Dom.	ANN HARVEY	Goose Bay, NL	[11] 10 2003 17:30	[11] 13 2003 11:30
Dom.	ANN HARVEY	Postville, NL	[11] 18 2003 22:15	[11] 20 2003 12:05
Dom.	ANN HARVEY	Goose Bay, NL	[11] 27 2003 14:45	[11] 28 2003 20:30
Dom.	ANN HARVEY	Goose Bay, NL	[12] 2 2003 18:30	[12] 5 2003 11:30
Dom.	ANN HARVEY	Goose Bay, NL	[6] 10 2003 23:29	[6] 11 2003 23:56
Dom.	ANN HARVEY	Goose Bay, NL	[6] 24 2003 15:30	[6] 26 2003 17:56
Dom.	ANN HARVEY	Cartwright, NL	[6] 27 2003 10:30	[6] 27 2003 12:20
Dom.	ANNA DESGAGNES	Iqaluit, NU	[10] 6 2003 6:55	[10] 10 2003 16:30
Dom.	ANNA DESGAGNES	Hall Beach, NU	[10] 12 2003 22:30	[10] 22 2003 1:30
Dom.	ANNA DESGAGNES	Repulse Bay, NU	[10] 23 2003 1:45	[10] 23 2003 19:00
Dom.	ANNA DESGAGNES	Coral Harbour, NU	[10] 24 2003 21:20	[10] 25 2003 15:20
Dom.	ANNA DESGAGNES	Chesterfield Inlet, NU	[10] 26 2003 8:45	[10] 26 2003 21:25
Dom.	ANNA DESGAGNES	Rankin Inlet, NU	[10] 27 2003 5:15	[10] 30 2003 23:20
Dom.	ANNA DESGAGNES	Whale Cove, NU	[10] 31 2003 7:00	[11] 3 2003 2:50
Dom.	ANNA DESGAGNES	Cape Dorset, NU	[11] 4 2003 13:40	[11] 5 2003 15:40
Dom.	ANNA DESGAGNES	Salluit, QC	[11] 6 2003 1:00	[11] 7 2003 2:45
Dom.	ANNA DESGAGNES	Wakeham Bay, QC	[11] 7 2003 19:11	[11] 8 2003 3:40
Dom.	ANNA DESGAGNES	Quaqtaq, QC	[11] 8 2003 9:15	[11] 9 2003 0:05
Dom.	ANNA DESGAGNES	Tasiujaq, QC	[11] 9 2003 12:35	[11] 9 2003 18:20
Dom.	ANNA DESGAGNES	Iqaluit, NU	[7] 7 2003 17:30	[7] 11 2003 21:55
Dom.	ANNA DESGAGNES	Salluit, QC	[7] 13 2003 22:30	[7] 16 2003 15:30
Dom.	ANNA DESGAGNES	Belcher Islands, NU	[7] 19 2003 4:00	[7] 20 2003 8:30
Dom.	ANNA DESGAGNES	Umiujak (Richmond Gulf)	Not reported	[7] 21 2003 0:30
Dom.	ANNA DESGAGNES	Great Whale River, QC	[7] 21 2003 8:30	[7] 22 2003 4:30
Dom.	ANNA DESGAGNES	Eskimo Point, NU	[7] 24 2003 11:55	[7] 25 2003 0:15
Dom.	ANNA DESGAGNES	Whale Cove, NU	[7] 25 2003 8:15	[7] 26 2003 3:00
Dom.	ANNA DESGAGNES	Rankin Inlet, NU	[7] 26 2003 10:30	[7] 27 2003 5:00
Dom.	ANNA DESGAGNES	Chesterfield Inlet, NU	[7] 27 2003 13:00	[7] 29 2003 16:15
Dom.	ANNA DESGAGNES	Whale Cove, NU	[7] 30 2003 1:35	[7] 30 2003 15:45

Dom.	ANNA DESGAGNES	Deception Bay	[7] 3 2003 3:00	[7] 5 2003 1:00
Dom.	ANNA DESGAGNES	Coral Harbour, NU	[7] 31 2003 12:45	[8] 1 2003 5:15
Dom.	ANNA DESGAGNES	Iqaluit, NU	[8] 19 2003 22:20	[8] 22 2003 10:35
Dom.	ANNA DESGAGNES	Igloolik	[8] 25 2003 0:00	[8] 27 2003 18:00
Dom.	ANNA DESGAGNES	Hall Beach, NU	[8] 27 2003 23:15	[8] 30 2003 21:45
Dom.	ANNA DESGAGNES	Longstaff Bluff	[8] 31 2003 11:30	[8] 31 2003 19:30
Dom.	ANNA DESGAGNES	Chesterfield Inlet, NU	[9] 9 2003 2:30	[9] 10 2003 12:50
Dom.	ANNA DESGAGNES	Eskimo Point, NU	[9] 11 2003 0:55	[9] 12 2003 22:45
Dom.	ANNA DESGAGNES	Chesterfield Inlet, NU	[9] 13 2003 13:30	[9] 13 2003 22:15
Dom.	ANNA DESGAGNES	Lake Harbour, NU	[9] 15 2003 16:00	[9] 16 2003 16:30
Dom.	ANNA DESGAGNES	Wakeham Bay, QC	[9] 16 2003 22:30	[9] 17 2003 14:45
Dom.	ANNA DESGAGNES	Iqaluit, NU	[9] 18 2003 15:33	[9] 19 2003 18:00
Dom.	ANNA DESGAGNES	Repulse Bay, NU	[9] 2 2003 8:30	[9] 4 2003 3:00
Dom.	ANNA DESGAGNES	Chesterfield Inlet, NU	Not reported	[9] 5 2003 19:13
Dom.	ANNA DESGAGNES	Rankin Inlet, NU	[9] 6 2003 4:00	[9] 7 2003 13:40
Dom.	ANNA DESGAGNES	Whale Cove, NU	[9] 7 2003 21:00	[9] 8 2003 14:45
Dom.	ARCTIC	Deception Bay	[1] 16 2003 20:44	[1] 23 2003 10:18
Dom.	ARCTIC	Deception Bay	[9] 25 2003 21:15	[10] 2 2003 8:50
Dom.	ARCTIC	Deception Bay	[2] 23 2003 7:20	[3] 10 2003 17:31
Dom.	ARCTIC	Deception Bay	[6] 18 2003 21:24	[6] 29 2003 13:30
Dom.	ARCTIC	Navisivik, NU	[7] 24 2003 14:42	[7] 25 2003 20:20
Dom.	ARCTIC	Little Cornwallis Island	[7] 26 2003 23:30	[7] 27 2003 16:30
Dom.	ARCTIC	Deception Bay	[8] 17 2003 22:00	[8] 27 2003 23:48
Dom.	ARCTIC	Deception Bay	[8] 1 2003 21:29	[8] 3 2003 11:30
Dom.	ASTRON	Voisey Bay	Not reported	[10] 14 2003 8:59
Dom.	ASTRON	Voisey Bay	[10] 24 2003 10:50	[10] 26 2003 13:39
Dom.	ASTRON	Voisey Bay	[10] 2 2003 7:06	[10] 3 2003 11:30
Dom.	ASTRON	Voisey Bay	[11] 8 2003 13:00	[11] 11 2003 6:12
Dom.	ASTRON	Cartwright, NL	[11] 12 2003 4:30	[11] 13 2003 2:05
Dom.	ASTRON	Nain, NL	[11] 15 2003 16:00	[11] 16 2003 0:02
Dom.	ASTRON	Cartwright, NL	[11] 17 2003 13:39	[11] 17 2003 19:19
Dom.	ASTRON	Voisey Bay	[11] 25 2003 16:45	[12] 3 2003 13:46
Dom.	ASTRON	Cartwright, NL	[12] 7 2003 22:38	[12] 7 2003 22:07
Dom.	ASTRON	Goose Bay, NL	[12] 8 2003 14:30	[12] 8 2003 18:44
Dom.	ASTRON	Cartwright, NL	[12] 9 2003 9:00	[12] 9 2003 17:54
Dom.	ASTRON	Voisey Bay	[7] 7 2003 21:00	[7] 9 2003 21:44
Dom.	ASTRON	Voisey Bay	[8] 13 2003 22:45	[8] 17 2003 19:14
Dom.	ASTRON	Voisey Bay	[8] 26 2003 17:15	[8] 29 2003 1:37
Dom.	ASTRON	Voisey Bay	[7] 31 2003 15:18	[8] 4 2003 6:00
Dom.	ASTRON	Voisey Bay	[9] 8 2003 16:00	[9] 12 2003 17:35
Dom.	ASTRON	Makkovik, NL	[9] 21 2003 7:00	[9] 21 2003 8:01
Dom.	ASTRON	Voisey Bay	[9] 21 2003 19:30	[9] 24 2003 21:21
Dom.	ATLANTIC DOROTHY	Southern Labrador Bank	[5] 9 2003 15:30	[5] 9 2003 9:00
Dom.	ATLANTIC ELM	Voisey Bay	[11] 8 2003 3:20	[11] 15 2003 9:24
Dom.	ATLANTIC HEMLOCK	Voisey Bay	[9] 29 2003 6:19	[10] 1 2003 16:37
Dom.	ATLANTIC HEMLOCK	Cartwright, NL	[10] 3 2003 0:40	[10] 4 2003 15:00
For.	ATLANTIC PATROLLER	Puvirnituq	[7] 13 2003 0:06	[7] 17 2003 1:24
For.	ATLANTIC PATROLLER	Port Harrison, QC	[7] 18 2003 1:00	[7] 22 2003 2:15
For.	ATLANTIC PATROLLER	Akulivik	[7] 22 2003 22:30	[7] 23 2003 22:30
For.	ATLANTIC PATROLLER	Ivujivik, QC	[7] 24 2003 14:12	[7] 25 2003 2:12
For.	ATLANTIC PATROLLER	Resolution Island, NT	[7] 26 2003 13:30	[7] 26 2003 20:00
For.	ATLANTIC PATROLLER	Iqaluit, NU	[7] 27 2003 13:00	[7] 27 2003 17:00
For.	ATLANTIC PATROLLER	Quaqtaq, QC	[7] 6 2003 15:00	[7] 8 2003 0:48
For.	ATLANTIC PATROLLER	Wakeham Bay, QC	[7] 8 2003 13:42	[7] 9 2003 23:31
Dom.	ATLANTIC TEAK	Voisey Bay	[10] 19 2003 9:10	[10] 21 2003 19:10
Dom.	ATLANTIC TEAK	Voisey Bay	[11] 8 2003 4:57	[11] 11 2003 22:00
Dom.	ATLANTIC TEAK	Voisey Bay	[9] 28 2003 11:00	[9] 29 2003 14:17
Dom.	ATLANTIC TEAK	Iqaluit, NU	[9] 3 2003 20:25	[9] 8 2003 18:45
For.	BBC VENEZUELA	Nain, NL	Not reported	[11] 17 2003 0:10
For.	BBC VENEZUELA	Nain, NL	[11] 9 2003 15:49	[11] 17 2003 0:10

For.	BENEDETTA D'AMATO	Churchill, MB	[9] 10 2003 7:45	[9] 12 2003 14:25
For.	BREMEN	Pond Inlet, NU	[8] 1 2003 10:00	[8] 1 2003 17:15
For.	BREMEN	Pond Inlet, NU	[8] 12 2003 12:25	[8] 12 2003 21:00
For.	BREMEN	Dundas Harbour	[8] 13 2003 15:00	[8] 13 2003 18:10
For.	BREMEN	Erebus Bay/Beechey Island	[8] 14 2003 13:00	[8] 14 2003 15:26
For.	BREMEN	Resolute, NU	[8] 14 2003 20:00	[8] 15 2003 0:20
For.	BREMEN	Jenny Lind Island/Can 1A	[8] 18 2003 23:00	[8] 19 2003 1:30
For.	BREMEN	Cambridge Bay, NU	[8] 19 2003 13:00	[8] 19 2003 23:20
For.	BREMEN	Dundas Harbour	[8] 2 2003 10:30	[8] 2 2003 14:30
For.	BREMEN	Ross Point	[8] 20 2003 13:00	[8] 20 2003 17:30
For.	BREMEN	Holman, NT	[8] 21 2003 20:05	[8] 21 2003 22:30
For.	BREMEN	Herschel Island	[8] 24 2003 6:00	[8] 25 2003 6:45
For.	BREMEN	Pangnirtung, NU	[8] 5 2003 15:15	[8] 5 2003 20:15
For.	CARAVOS TRADER	Churchill, MB	[8] 19 2003 1:00	[8] 22 2003 21:30
Dom.	CECILIA DESGAGNES	Quaqtaq, QC	[10] 9 2003 6:30	[10] 10 2003 11:15
Dom.	CECILIA DESGAGNES	Saglek Bay, NL	[10] 11 2003 14:18	[10] 12 2003 1:12
Dom.	CECILIA DESGAGNES	Deception Bay	[10] 13 2003 20:18	[10] 14 2003 13:27
Dom.	CECILIA DESGAGNES	Puvirnituq	[10] 15 2003 23:48	[10] 16 2003 16:30
Dom.	CECILIA DESGAGNES	Umiujak (Richmond Gulf)	[10] 17 2003 17:30	[10] 19 2003 2:30
Dom.	CECILIA DESGAGNES	Great Whale River, QC	[10] 19 2003 11:51	[10] 22 2003 15:42
Dom.	CECILIA DESGAGNES	Belcher Islands, NU	[10] 23 2003 7:06	[10] 23 2003 18:48
Dom.	CECILIA DESGAGNES	Eskimo Point, NU	[10] 26 2003 3:03	[10] 28 2003 16:38
Dom.	CECILIA DESGAGNES	Rankin Inlet, NU	[10] 29 2003 6:42	[10] 29 2003 19:36
Dom.	CECILIA DESGAGNES	Akulivik	[10] 31 2003 12:15	[10] 31 2003 17:39
Dom.	CECILIA DESGAGNES	Port Harrison, QC	[10] 4 2003 15:24	[10] 5 2003 21:10
Dom.	CECILIA DESGAGNES	Puvirnituq	[10] 6 2003 15:39	[10] 7 2003 16:06
Dom.	CECILIA DESGAGNES	Ivujivik, QC	[11] 1 2003 5:09	[11] 1 2003 15:48
Dom.	CECILIA DESGAGNES	Pangnirtung, NU	[11] 9 2003 14:24	[11] 10 2003 11:24
Dom.	CECILIA DESGAGNES	Salluit, QC	[11] 1 2003 23:27	[11] 2 2003 21:18
Dom.	CECILIA DESGAGNES	Puvirnituq	[11] 3 2003 21:03	[11] 4 2003 17:54
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[11] 7 2003 2:21	[11] 8 2003 1:15
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[7] 8 2003 22:30	[7] 12 2003 0:12
Dom.	CECILIA DESGAGNES	Tasiujaq, QC	[7] 12 2003 12:45	[7] 13 2003 3:54
Dom.	CECILIA DESGAGNES	Aupaluk	[7] 13 2003 13:00	[7] 14 2003 3:24
Dom.	CECILIA DESGAGNES	Kangirsuk, QC	[7] 14 2003 14:36	[7] 15 2003 3:06
Dom.	CECILIA DESGAGNES	Wakeham Bay, QC	[7] 15 2003 20:30	[7] 16 2003 2:27
Dom.	CECILIA DESGAGNES	Cape Dorset, NU	[7] 16 2003 23:00	[7] 17 2003 18:37
Dom.	CECILIA DESGAGNES	Killinek	[7] 19 2003 5:03	[7] 19 2003 13:27
Dom.	CECILIA DESGAGNES	Resolution Island, NT	[7] 19 2003 20:51	[7] 20 2003 5:48
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[7] 21 2003 0:27	[7] 21 2003 5:28
Dom.	CECILIA DESGAGNES	Resolution Island, NT	[7] 21 2003 23:06	[7] 24 2003 3:00
Dom.	CECILIA DESGAGNES	George River, QC	[7] 5 2003 16:33	[7] 8 2003 7:57
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[8] 13 2003 0:30	[8] 15 2003 1:21
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[8] 16 2003 18:27	[8] 17 2003 13:30
Dom.	CECILIA DESGAGNES	Pond Inlet, NU	[8] 22 2003 1:15	[8] 22 2003 23:12
Dom.	CECILIA DESGAGNES	Arctic Bay, NU	[8] 24 2003 5:00	[8] 24 2003 19:12
Dom.	CECILIA DESGAGNES	Navisivik, NU	[8] 24 2003 23:00	[8] 25 2003 5:15
Dom.	CECILIA DESGAGNES	Resolute, NU	[8] 26 2003 6:27	[8] 26 2003 18:18
Dom.	CECILIA DESGAGNES	Little Cornwallis Island	[8] 27 2003 1:33	[8] 27 2003 19:12
Dom.	CECILIA DESGAGNES	Grisefiord, NU	[8] 29 2003 18:03	[8] 29 2003 23:48
Dom.	CECILIA DESGAGNES	Pond Inlet, NU	[8] 31 2003 0:42	[8] 31 2003 6:03
Dom.	CECILIA DESGAGNES	Pangnirtung, NU	[9] 9 2003 23:18	[9] 10 2003 19:21
Dom.	CECILIA DESGAGNES	Breevoort	[9] 11 2003 14:30	[9] 11 2003 18:00
Dom.	CECILIA DESGAGNES	Resolution Island, NT	[9] 12 2003 10:12	[9] 13 2003 5:00
Dom.	CECILIA DESGAGNES	Broughton Island, NU	[9] 1 2003 20:23	[9] 6 2003 10:57
Dom.	CECILIA DESGAGNES	Clyde River	[9] 7 2003 7:27	[9] 7 2003 20:08
Dom.	CECILIA DESGAGNES	Cape Dyer	[9] 8 2003 23:03	[9] 9 2003 1:00
For.	CELINE	Deception Bay	[8] 9 2003 11:30	[8] 11 2003 15:00
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[8] 26 2003 16:03	[8] 26 2003 21:23
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[9] 1 2003 10:37	[9] 1 2003 14:03

Dom.	DES GROSEILLIERS	Iqaluit, NU	[7] 16 2003 21:30	[7] 16 2003 23:22
Dom.	DES GROSEILLIERS	Iqaluit, NU	[8] 27 2003 19:59	[8] 27 2003 20:00
For.	DIMITRIS MANIOS	Churchill, MB	[9] 3 2003 10:45	[9] 6 2003 21:45
For.	DORA	Churchill, MB	[9] 18 2003 11:20	[9] 23 2003 23:00
Dom.	EASTERN TUGGER	Voisey Bay	[11] 21 2003 16:05	[11] 25 2003 4:00
Dom.	EASTERN TUGGER	Sango Bay Harbour	[11] 25 2003 16:15	[12] 6 2003 13:56
Dom.	ECHO DES MERS	Mary's Harbour, NL	[7] 12 2003 0:16	[7] 12 2003 7:55
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[7] 29 2003 20:00
Dom.	EDGAR KOTOKAK	Wise Bay	[7] 30 2003 21:45	[7] 31 2003 12:00
Dom.	EDGAR KOTOKAK	Paulatuk	[8] 9 2003 21:45	[8] 14 2003 15:49
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	[8] 14 2003 16:20	[8] 18 2003 0:38
Dom.	EDGAR KOTOKAK	Coppermine, NU	[8] 21 2003 2:00	[8] 26 2003 21:00
Dom.	EDGAR KOTOKAK	Johansen Bay	[8] 26 2003 22:00	[8] 27 2003 18:40
Dom.	EDGAR KOTOKAK	Cape Parry/Pin Main	[8] 29 2003 6:00	[8] 29 2003 16:00
Dom.	EDGAR KOTOKAK	Clinton Point	[8] 30 2003 7:30	[8] 30 2003 13:43
Dom.	EDGAR KOTOKAK	Coppermine, NU	[8] 1 2003 19:00	[8] 6 2003 11:00
Dom.	EDGAR KOTOKAK	Taloyoak/Spence Bay	[9] 13 2003 21:45	[9] 19 2003 22:00
Dom.	EDGAR KOTOKAK	Nicholson Point	Not reported	[9] 2 2003 6:10
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	[9] 2 2003 21:45	[9] 4 2003 12:29
For.	FEDERAL FRANKLIN	Churchill, MB	[7] 22 2003 13:36	[7] 31 2003 16:00
For.	FEDERAL FUJI	Deception Bay	[10] 30 2003 16:30	[11] 1 2003 18:30
For.	FEDERAL FUJI	Churchill, MB	[9] 22 2003 16:54	[9] 26 2003 0:24
For.	FEDERAL YOSHINO	Churchill, MB	[9] 24 2003 9:24	[10] 5 2003 8:00
For.	FEDERAL YOSHINO	Churchill, MB	[8] 28 2003 8:54	[8] 30 2003 14:18
For.	FJORDSTONE	Churchill, MB	[9] 15 2003 22:15	[9] 21 2003 21:43
For.	FROYANES	Pangnirtung, NU	[10] 21 2003 12:00	[10] 22 2003 10:53
For.	GENESIS EXPLORER	Goose Bay, NL	[9] 29 2003 17:43	[10] 1 2003 9:28
For.	GOVIKEN	Churchill, MB	[7] 23 2003 11:18	[7] 30 2003 1:00
Dom.	GSI ADMIRAL	Cartwright, NL	Not reported	[10] 21 2003 0:24
For.	HALIFAX	Goose Bay, NL	[11] 13 2003 19:20	[11] 16 2003 10:07
For.	HALIFAX	Goose Bay, NL	[7] 6 2003 17:10	[7] 8 2003 23:41
Dom.	HARP	Fox Harbour	[9] 27 2003 19:30	[9] 30 2003 17:00
Dom.	HENRY LARSEN	Iqaluit, NU	[10] 6 2003 17:59	[10] 6 2003 18:00
Dom.	HENRY LARSEN	Iqaluit, NU	[8] 14 2003 11:59	[8] 14 2003 12:00
Dom.	HENRY LARSEN	Iqaluit, NU	[9] 24 2003 23:59	[9] 23 2003 23:59
For.	IRENE E.M.	Churchill, MB	[9] 14 2003 11:30	[9] 17 2003 17:05
For.	ISADORA	Churchill, MB	[10] 12 2003 10:40	[10] 16 2003 16:00
For.	IST	Churchill, MB	[7] 31 2003 19:00	[8] 8 2003 21:35
Dom.	JACQUES DESGAGNES	Baker Lake, NU	[7] 25 2003 4:00	[7] 26 2003 23:00
Dom.	JACQUES DESGAGNES	Chesterfield Inlet, NU	[7] 27 2003 20:30	[7] 28 2003 6:29
Dom.	JACQUES DESGAGNES	Iqaluit, NU	[8] 25 2003 15:40	[8] 27 2003 20:02
Dom.	JACQUES DESGAGNES	Puvirnituq	[9] 9 2003 16:13	[9] 10 2003 15:50
Dom.	JACQUES DESGAGNES	Port Harrison, QC	[9] 11 2003 13:06	[9] 14 2003 1:00
Dom.	JACQUES DESGAGNES	Wakeham Bay, QC	[9] 16 2003 22:34	[9] 17 2003 14:20
Dom.	JACQUES DESGAGNES	Iqaluit, NU	[8] 30 2003 17:00	[9] 5 2003 15:59
Dom.	JADE STAR	Tasiujaq, QC	[7] 22 2003 18:30	[7] 24 2003 22:18
Dom.	JADE STAR	Aupaluk	[7] 25 2003 8:36	[7] 26 2003 1:30
Dom.	JADE STAR	Diana Bay, QC	[8] 7 2003 0:45	[8] 10 2003 8:45
Dom.	JADE STAR	Fort Chimo, QC	[8] 11 2003 3:23	[8] 19 2003 18:40
Dom.	JADE STAR	George River, QC	[8] 20 2003 1:40	[8] 24 2003 20:30
Dom.	JADE STAR	Fort Chimo, QC	[8] 25 2003 11:30	[8] 27 2003 15:00
Dom.	JADE STAR	Fort Chimo, QC	[7] 26 2003 16:00	[8] 6 2003 8:22
Dom.	JIM KILABUK	Herschel Island	Not reported	[8] 17 2003 3:18
Dom.	KALIUTIK	Voisey Bay	[7] 14 2003 12:10	[7] 15 2003 19:28
Dom.	KALIUTIK	Nain, NL	[7] 16 2003 2:00	[7] 17 2003 3:28
For.	KAPITAN CHUKHCHIN	Churchill, MB	[10] 20 2003 16:50	[10] 22 2003 0:32
For.	KAPITAN KHLEBNIKOV	Herschel Island	[7] 29 2003 13:00	[7] 29 2003 20:00
For.	KAPITAN KHLEBNIKOV	Holman, NT	[7] 31 2003 19:30	[8] 1 2003 0:00
For.	KAPITAN KHLEBNIKOV	Dobbin Bay	[8] 12 2003 19:00	[8] 13 2003 13:20
For.	KAPITAN KHLEBNIKOV	Pim Island	[8] 13 2003 16:25	[8] 14 2003 0:30

For.	KAPITAN KHLEBNIKOV	Alexandra Fiord	[8] 14 2003 13:40	[8] 15 2003 3:20
For.	KAPITAN KHLEBNIKOV	Coburg Island	[8] 16 2003 13:40	[8] 16 2003 16:15
For.	KAPITAN KHLEBNIKOV	Prince Leopold Island	[8] 17 2003 12:00	[8] 17 2003 12:30
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[8] 17 2003 19:00	[8] 18 2003 3:15
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 18 2003 13:30	[8] 18 2003 23:50
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[8] 19 2003 14:15	[8] 19 2003 19:40
For.	KAPITAN KHLEBNIKOV	Johansen Bay	[8] 1 2003 17:30	[8] 2 2003 0:30
For.	KAPITAN KHLEBNIKOV	Cambridge Bay, NU	[8] 2 2003 14:40	[8] 2 2003 19:00
For.	KAPITAN KHLEBNIKOV	Coburg Island	[8] 22 2003 13:30	[8] 22 2003 17:30
For.	KAPITAN KHLEBNIKOV	Tanquary Fiord	[8] 24 2003 16:00	[8] 25 2003 13:30
For.	KAPITAN KHLEBNIKOV	Eureka	[8] 26 2003 13:40	[8] 27 2003 1:00
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[8] 29 2003 17:30	[8] 30 2003 3:15
For.	KAPITAN KHLEBNIKOV	Radstock Bay	[8] 6 2003 14:20	[8] 6 2003 23:01
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[8] 7 2003 0:30	[8] 7 2003 1:30
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 7 2003 13:30	[8] 8 2003 23:00
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[8] 9 2003 13:00	[8] 9 2003 18:47
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 30 2003 12:20	[9] 1 2003 11:30
Dom.	KATSHESHUK 2	Nuuk/Godthaab	Not reported	[11] 1 2003 20:48
Dom.	KATSHESHUK 2	Pangnirtung, NU	[11] 3 2003 15:30	[11] 5 2003 2:00
Dom.	KATSHESHUK 2	Nuuk/Godthaab	Not reported	[9] 17 2003 21:00
Dom.	KELLY OVAYUAK	Tuktoyaktuk Harbour	Not reported	[8] 14 2003 14:30
Dom.	KELLY OVAYUAK	Cambridge Bay, NU	[8] 21 2003 4:00	[8] 25 2003 13:15
For.	KIGORIA	Herschel Island	Not reported	[8] 17 2003 3:18
For.	LE LEVANT	Cartwright, NL	Not reported	[7] 13 2003 15:12
For.	LE LEVANT	Saglek Bay, NL	Not reported	[7] 15 2003 15:13
For.	LE LEVANT	Cape Dorset, NU	[7] 17 2003 16:24	[7] 17 2003 22:00
For.	LE LEVANT	Lake Harbour, NU	[7] 20 2003 18:00	[7] 20 2003 22:00
For.	LE LEVANT	Iqaluit, NU	[7] 22 2003 5:20	[7] 22 2003 21:18
For.	LE LEVANT	Lake Harbour, NU	[7] 24 2003 11:20	[7] 24 2003 20:40
For.	LE LEVANT	Erik Cove	[7] 25 2003 15:05	[7] 25 2003 23:00
For.	LE LEVANT	Cape Dorset, NU	[7] 26 2003 12:00	[7] 26 2003 17:50
For.	LE LEVANT	Nottingham Island Harbour	[7] 27 2003 1:30	[7] 27 2003 2:26
For.	LE LEVANT	Akpatok Island	[7] 28 2003 13:30	[7] 28 2003 20:00
For.	LE LEVANT	Saglek Bay, NL	Not reported	[7] 29 2003 19:53
For.	LE LEVANT	Nain, NL	[7] 30 2003 14:00	[7] 30 2003 19:10
For.	LE LEVANT	Fox Harbour	[8] 7 2003 10:12	[8] 7 2003 21:26
Dom.	LOUIS S. ST-LAURENT	Iqaluit, NU	Not reported	[8] 1 2003 1:10
Dom.	LOUIS S. ST-LAURENT	Coppermine, NU	[9] 8 2003 11:59	[9] 8 2003 12:00
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[9] 27 2003 13:50	[10] 2 2003 17:30
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[10] 14 2003 2:00	[10] 21 2003 11:00
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[11] 3 2003 18:15	[11] 7 2003 8:30
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[7] 6 2003 9:23	[7] 13 2003 15:00
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[7] 25 2003 6:45	[7] 28 2003 18:00
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[8] 8 2003 9:00	[8] 11 2003 15:45
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[8] 22 2003 14:45	[8] 29 2003 10:00
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[9] 9 2003 9:35	[9] 16 2003 21:00
Dom.	MATTHEW	Nain, NL	[9] 15 2003 21:45	[9] 19 2003 11:38
Dom.	MATTHEW	Goose Bay, NL	[9] 23 2003 16:35	[9] 24 2003 9:45
Dom.	MATTHEW	Nain, NL	[9] 1 2003 17:41	[9] 3 2003 0:14
Dom.	MATTHEW	Goose Bay, NL	[9] 24 2003 23:20	[9] 30 2003 10:30
Dom.	MERSEY VENTURE	Resolution Island, NT	Not reported	[10] 22 2003 16:33
Dom.	MERSEY VENTURE	Nain, NL	[8] 24 2003 2:00	[8] 24 2003 2:03
Dom.	MOKAMI	Needle Cove	[10] 17 2003 18:00	[10] 18 2003 16:00
Dom.	MOKAMI	Repulse Bay, NU	[9] 29 2003 18:15	[10] 2 2003 0:00
Dom.	MOKAMI	Longstaff Bluff	[10] 19 2003 3:30	[10] 20 2003 1:30
Dom.	MOKAMI	Hall Beach, NU	[10] 20 2003 13:50	[10] 21 2003 20:20
Dom.	MOKAMI	Brewer Bay	Not reported	[10] 28 2003 2:20
Dom.	MOKAMI	Resolution Island, NT	Not reported	[10] 28 2003 2:20
Dom.	MOKAMI	Cartwright, NL	[10] 30 2003 0:35	[10] 30 2003 14:06
Dom.	MOKAMI	Hall Beach, NU	[10] 3 2003 6:00	[10] 4 2003 9:55

Dom.	MOKAMI	Anaktalik Bay Harbour	[11] 9 2003 1:08	[11] 11 2003 1:35
Dom.	MOKAMI	Nain, NL	[11] 11 2003 11:40	[11] 12 2003 15:41
Dom.	MOKAMI	Hopedale, NL	[11] 18 2003 19:10	[11] 19 2003 5:03
Dom.	MOKAMI	Davis Inlet	[11] 19 2003 11:35	[11] 19 2003 20:20
Dom.	MOKAMI	Makkovik, NL	[11] 20 2003 4:50	[11] 21 2003 7:51
Dom.	MOKAMI	Postville, NL	[11] 21 2003 11:19	[11] 22 2003 3:52
Dom.	MOKAMI	Nain, NL	[11] 23 2002 7:54	[11] 23 2002 8:36
Dom.	MOKAMI	Cartwright, NL	[11] 22 2003 19:07	[11] 23 2003 2:15
Dom.	MOKAMI	Sango Bay Harbour	[11] 27 2003 15:00	[11] 28 2003 7:30
Dom.	MOKAMI	Cartwright, NL	[11] 29 2003 2:27	[11] 29 2003 18:45
Dom.	MOKAMI	Cartwright, NL	[11] 29 2003 20:03	[11] 30 2003 20:50
Dom.	MOKAMI	Cartwright, NL	[12] 1 2003 2:43	[12] 1 2003 11:08
Dom.	MOKAMI	Black Tickle	[12] 1 2003 13:20	[12] 2 2003 18:36
Dom.	MOKAMI	Port Hope Simpson, NL	[12] 3 2003 2:44	[12] 3 2003 12:05
Dom.	MOKAMI	Mary's Harbour, NL	[12] 3 2003 15:21	[12] 4 2003 12:25
Dom.	MOKAMI	Fox Harbour	[12] 4 2003 14:07	[12] 4 2003 23:21
Dom.	MOKAMI	Mary's Harbour, NL	[5] 21 2003 9:18	[5] 22 2003 12:51
Dom.	MOKAMI	Fox Harbour	[5] 22 2003 18:21	[5] 23 2003 9:23
Dom.	MOKAMI	Port Hope Simpson, NL	[5] 23 2003 14:33	[5] 23 2003 22:59
Dom.	MOKAMI	Black Tickle	[5] 24 2003 18:30	[5] 24 2003 18:41
Dom.	MOKAMI	Black Tickle	[6] 9 2003 21:15	[6] 10 2003 5:29
Dom.	MOKAMI	Cartwright, NL	[6] 10 2003 15:20	[6] 11 2003 6:06
Dom.	MOKAMI	Makkovik, NL	[6] 11 2003 20:20	[6] 12 2003 16:00
Dom.	MOKAMI	Postville, NL	[6] 12 2003 21:00	[6] 13 2003 7:46
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Dom.	MOKAMI	Nain, NL	[6] 19 2003 23:50	[6] 20 2003 5:25
Dom.	MOKAMI	Sango Bay Harbour	[6] 20 2003 11:23	[6] 21 2003 8:25
Dom.	MOKAMI	Chesterfield Inlet, NU	[7] 10 2003 8:40	[7] 11 2003 8:50
Dom.	MOKAMI	Baker Lake, NU	[7] 12 2003 10:00	[7] 14 2003 16:00
Dom.	MOKAMI	Churchill, MB	[7] 16 2003 14:30	[7] 17 2003 16:00
Dom.	MOKAMI	Whale Cove, NU	[7] 18 2003 10:25	[7] 19 2003 16:10
Dom.	MOKAMI	Eskimo Point, NU	[7] 20 2003 2:45	[7] 22 2003 3:00
Dom.	MOKAMI	Churchill, MB	[7] 22 2003 16:25	[7] 23 2003 18:42
Dom.	MOKAMI	Rankin Inlet, NU	[7] 24 2003 19:07	[7] 27 2003 13:20
Dom.	MOKAMI	Churchill, MB	[7] 28 2003 12:40	[7] 29 2003 21:28
Dom.	MOKAMI	Chesterfield Inlet, NU	[7] 2 2003 12:00	[7] 3 2003 2:50
Dom.	MOKAMI	Rankin Inlet, NU	[7] 3 2003 11:30	[7] 4 2003 16:00
Dom.	MOKAMI	Eskimo Point, NU	[7] 5 2003 15:45	[7] 7 2003 10:30
Dom.	MOKAMI	Churchill, MB	[7] 8 2003 0:45	[7] 9 2003 4:40
Dom.	MOKAMI	Baker Lake, NU	[8] 11 2003 4:55	[8] 12 2003 21:00
Dom.	MOKAMI	Churchill, MB	[8] 14 2003 14:00	[8] 15 2003 21:00
Dom.	MOKAMI	Coral Harbour, NU	[8] 17 2003 11:25	[8] 22 2003 2:30
Dom.	MOKAMI	Churchill, MB	[8] 23 2003 15:20	[8] 24 2003 17:20
Dom.	MOKAMI	Chesterfield Inlet, NU	[8] 25 2003 20:15	[8] 26 2003 1:30
Dom.	MOKAMI	Repulse Bay, NU	[8] 27 2003 0:45	[8] 27 2003 10:05
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Dom.	MOKAMI	Baker Lake, NU	[8] 29 2003 7:30	[8] 30 2003 11:00
Dom.	MOKAMI	Churchill, MB	[8] 5 2003 2:45	[8] 6 2003 3:40
Dom.	MOKAMI	Rankin Inlet, NU	[8] 7 2003 4:20	[8] 7 2003 15:00
Dom.	MOKAMI	Coral Harbour, NU	[8] 8 2003 15:30	[8] 9 2003 14:05
Dom.	MOKAMI	Rankin Inlet, NU	[9] 10 2003 10:55	[9] 12 2003 22:00
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Dom.	MOKAMI	Churchill, MB	[9] 1 2003 1:30	[9] 2 2003 3:00
Dom.	MOKAMI	Churchill, MB	[9] 20 2003 21:30	[9] 21 2003 19:30
Dom.	MOKAMI	Rankin Inlet, NU	[9] 23 2003 0:20	[9] 25 2003 20:30
Dom.	MOKAMI	Churchill, MB	[9] 26 2003 20:45	[9] 27 2003 21:30
Dom.	MOKAMI	Rankin Inlet, NU	[9] 3 2003 2:15	[9] 4 2003 3:50
Dom.	MOKAMI	Eskimo Point, NU	[9] 4 2003 17:35	[9] 6 2003 16:30
Dom.	MOKAMI	Churchill, MB	[9] 7 2003 5:10	[9] 9 2003 5:11

Dom.	NAHIDIK	Tuktoyaktuk Harbour	Not reported	[9] 28 2003 2:21
For.	NAVISION LOGGER	Churchill, MB	[10] 13 2003 3:30	[10] 18 2003 17:30
Dom.	NEWFOUNDLAND MARTEN	Nain, NL	Not reported	[9] 6 2003 19:43
Dom.	NEWFOUNDLAND OTTER	Labrador Bank	[10] 26 2003 23:30	[10] 28 2003 2:12
Dom.	NEWFOUNDLAND OTTER	Labrador Bank	[6] 14 2003 1:01	[6] 14 2003 15:29
Dom.	NEWFOUNDLAND OTTER	Nain, NL	[6] 15 2003 16:16	[6] 17 2003 20:22
Dom.	NEWFOUNDLAND OTTER	Nuuk/Godthaab	[6] 24 2003 13:30	[6] 24 2003 13:40
Dom.	NORTHERN RANGER	Black Tickle	[9] 30 2003 23:35	[10] 1 2003 0:30
Dom.	NORTHERN RANGER	Nain, NL	[10] 13 2003 15:26	[10] 13 2003 17:02
Dom.	NORTHERN RANGER	Black Tickle	[10] 17 2003 10:10	[10] 17 2003 11:16
Dom.	NORTHERN RANGER	Nain, NL	[10] 21 2003 15:40	[10] 21 2003 17:43
Dom.	NORTHERN RANGER	Black Tickle	[10] 24 2003 13:00	[10] 24 2003 13:11
Dom.	NORTHERN RANGER	Nain, NL	[10] 27 2003 21:23	[10] 27 2003 23:25
Dom.	NORTHERN RANGER	Nain, NL	[10] 4 2003 19:30	[10] 4 2003 21:04
Dom.	NORTHERN RANGER	Black Tickle	[10] 7 2003 23:45	[10] 8 2003 0:03
Dom.	NORTHERN RANGER	Black Tickle	[11] 1 2003 10:58	[11] 1 2003 11:46
Dom.	NORTHERN RANGER	Black Tickle	[11] 11 2003 12:30	[11] 11 2003 15:10
Dom.	NORTHERN RANGER	Nain, NL	[11] 15 2003 23:57	[11] 16 2003 10:00
Dom.	NORTHERN RANGER	Black Tickle	[11] 19 2003 20:00	[11] 19 2003 22:17
Dom.	NORTHERN RANGER	Cartwright, NL	[11] 20 2003 12:55	[11] 20 2003 23:00
Dom.	NORTHERN RANGER	Nain, NL	[11] 23 2003 13:03	[11] 23 2003 14:37
Dom.	NORTHERN RANGER	Nain, NL	[11] 5 2003 17:37	[11] 5 2003 19:39
Dom.	NORTHERN RANGER	Cartwright, NL	[6] 10 2003 13:20	[6] 10 2003 14:01
Dom.	NORTHERN RANGER	Goose Bay, NL	[6] 11 2003 17:45	[6] 13 2003 2:41
Dom.	NORTHERN RANGER	Nain, NL	[6] 15 2003 13:15	[6] 15 2003 14:33
Dom.	NORTHERN RANGER	Goose Bay, NL	[6] 17 2003 20:00	[6] 24 2003 2:06
Dom.	NORTHERN RANGER	Nain, NL	[6] 28 2003 15:15	[6] 28 2003 17:13
Dom.	NORTHERN RANGER	Goose Bay, NL	[6] 30 2003 18:45	[7] 1 2003 1:00
Dom.	NORTHERN RANGER	Black Tickle	[7] 10 2003 15:45	[7] 10 2003 16:32
Dom.	NORTHERN RANGER	Nain, NL	[7] 12 2003 15:14	[7] 12 2003 18:34
Dom.	NORTHERN RANGER	Black Tickle	[7] 16 2003 9:00	[7] 16 2003 9:58
Dom.	NORTHERN RANGER	Cartwright, NL	[7] 1 2003 17:30	[7] 2 2003 16:15
Dom.	NORTHERN RANGER	Nain, NL	[7] 19 2003 19:34	[7] 20 2003 2:11
Dom.	NORTHERN RANGER	Black Tickle	[7] 23 2003 9:00	[7] 23 2003 10:22
Dom.	NORTHERN RANGER	Nain, NL	[7] 26 2003 15:30	[7] 26 2003 18:00
Dom.	NORTHERN RANGER	Goose Bay, NL	[7] 3 2003 7:35	[7] 3 2003 16:22
Dom.	NORTHERN RANGER	Black Tickle	[7] 30 2003 9:15	[7] 30 2003 10:00
Dom.	NORTHERN RANGER	Nain, NL	[7] 5 2003 14:17	[7] 5 2003 18:02
Dom.	NORTHERN RANGER	Black Tickle	[8] 13 2003 8:40	[8] 13 2003 10:28
Dom.	NORTHERN RANGER	Nain, NL	[8] 16 2003 16:27	[8] 16 2003 22:45
Dom.	NORTHERN RANGER	Nain, NL	[8] 2 2003 16:15	[8] 2 2003 18:19
Dom.	NORTHERN RANGER	Black Tickle	[8] 20 2003 9:00	[8] 20 2003 10:22
Dom.	NORTHERN RANGER	Nain, NL	[8] 23 2004 15:30	[8] 23 2003 18:30
Dom.	NORTHERN RANGER	Black Tickle	[8] 27 2003 9:00	[8] 27 2003 10:00
Dom.	NORTHERN RANGER	Nain, NL	[8] 30 2003 15:50	[8] 30 2003 18:30
Dom.	NORTHERN RANGER	Black Tickle	[8] 6 2003 8:30	[8] 6 2003 9:51
Dom.	NORTHERN RANGER	Nain, NL	[8] 9 2003 15:21	[8] 9 2003 20:36
Dom.	NORTHERN RANGER	Black Tickle	[9] 10 2003 9:00	[9] 10 2003 0:10
Dom.	NORTHERN RANGER	Nain, NL	[9] 13 2003 15:38	[9] 13 2003 18:11
Dom.	NORTHERN RANGER	Black Tickle	[9] 16 2003 22:30	[9] 16 2003 22:43
Dom.	NORTHERN RANGER	Nain, NL	[9] 20 2003 15:38	[9] 20 2003 18:56
Dom.	NORTHERN RANGER	Black Tickle	[9] 23 2003 22:50	[9] 25 2003 11:23
Dom.	NORTHERN RANGER	Nain, NL	[9] 27 2003 16:10	[9] 27 2003 19:09
Dom.	NORTHERN RANGER	Black Tickle	[9] 3 2003 9:00	[9] 3 2003 10:00
Dom.	NORTHERN RANGER	Nain, NL	[9] 6 2003 15:38	[9] 6 2003 18:02
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	Not reported	[10] 11 2003 8:57
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[10] 1 2003 21:42	[10] 4 2003 12:02
Dom.	NORTHERN TUGGER	Voisey Bay	[11] 24 2003 22:52	[12] 2 2003 11:07
Dom.	NORTHERN TUGGER	Postville, NL	[12] 2 2003 11:10	[12] 6 2003 12:10
Dom.	NORTHERN TUGGER	Fox Harbour	[12] 8 2003 1:28	[12] 8 2003 14:28

Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[6] 26 2003 9:27	[6] 28 2003 23:48
Dom.	NORTHERN TUGGER	Sango Bay Harbour	[8] 28 2003 16:54	[8] 31 2003 9:42
Dom.	NORTHERN TUGGER	Goose Bay, NL	[9] 1 2003 22:30	[9] 6 2003 8:43
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	Not reported	[7] 27 2003 6:46
Dom.	NUNAKPUT	Cape Parry/Pin Main	[7] 28 2003 17:30	[7] 30 2003 21:45
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[8] 10 2003 16:40	[8] 11 2003 13:11
Dom.	NUNAKPUT	Sachs Harbour	[7] 31 2003 14:45	[8] 2 2003 18:00
Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 16 2003 14:45	[8] 20 2003 8:03
Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 23 2003 6:30	[8] 25 2003 20:15
Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 28 2003 9:45	[8] 28 2003 19:50
Dom.	NUNAKPUT	Lady Franklin Point / Pin 3	[8] 29 2003 21:00	[8] 29 2003 23:00
Dom.	NUNAKPUT	Holman, NT	[8] 4 2003 1:00	[8] 6 2003 19:30
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[9] 9 2003 9:00	[9] 10 2003 5:10
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[9] 1 2003 16:33	[9] 2 2003 16:34
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	Not reported	[9] 26 2003 2:00
Dom.	NUNAKPUT	Cape Parry/Pin Main	[9] 27 2003 17:56	[9] 29 2003 14:45
Dom.	NUNAKPUT	Johansen Bay	[9] 6 2003 7:00	[9] 6 2003 10:30
Dom.	OCEAN FOXTROT	Goose Bay, NL	[10] 20 2003 21:20	[10] 23 2003 20:00
Dom.	OCEAN FOXTROT	Goose Bay, NL	[11] 6 2003 19:03	[11] 11 2003 3:45
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[12] 11 2003 23:44	[12] 14 2003 13:07
Dom.	OCEAN FOXTROT	Goose Bay, NL	[6] 14 2003 23:15	[6] 18 2003 0:16
Dom.	OCEAN FOXTROT	Goose Bay, NL	[7] 10 2003 16:10	[7] 13 2003 17:49
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[7] 2 2003 0:32	[7] 4 2003 2:00
Dom.	OCEAN FOXTROT	Cartwright, NL	[8] 19 2003 19:00	[8] 23 2003 10:50
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[8] 24 2003 7:30	[8] 25 2003 7:19
Dom.	OCEAN FOXTROT	Goose Bay, NL	[9] 10 2003 10:30	[9] 12 2003 21:15
Dom.	OCEAN FOXTROT	Goose Bay, NL	[9] 21 2003 20:45	[9] 24 2003 21:10
Dom.	OLLIE J	Black Tickle	[10] 12 2003 14:27	[10] 15 2003 13:27
Dom.	OLLIE J	Fox Harbour	[10] 16 2003 0:26	[10] 17 2003 12:24
Dom.	OLLIE J	Black Tickle	[6] 14 2003 0:45	[6] 16 2003 18:11
Dom.	PETROLIA DESGAGNES	Goose Bay, NL	[11] 12 2003 22:42	[11] 13 2003 11:30
Dom.	PETROLIA DESGAGNES	Goose Bay, NL	[7] 24 2003 13:10	[7] 25 2003 8:01
Dom.	PIERRE RADISSON	Resolute, NU	Not reported	[8] 13 2003 20:01
Dom.	PISURAYAK KOOTOOK	Franklin Bay (West)	[10] 1 2003 21:45	[10] 1 2003 21:50
Dom.	PISURAYAK KOOTOOK	Tuktoyaktuk Harbour	Not reported	[7] 25 2003 4:00
Dom.	PISURAYAK KOOTOOK	Tuktoyaktuk Harbour	Not reported	[8] 17 2003 3:50
Dom.	PISURAYAK KOOTOOK	Cape Parry/Pin Main	[8] 18 2003 19:30	[8] 18 2003 21:50
Dom.	PISURAYAK KOOTOOK	Gjoa Haven	[8] 27 2003 13:00	[8] 30 2003 21:00
Dom.	PISURAYAK KOOTOOK	Cambridge Bay, NU	[8] 3 2003 12:30	[8] 5 2003 9:00
Dom.	PISURAYAK KOOTOOK	Bathurst Inlet, NU	[9] 9 2003 14:45	[9] 10 2003 12:05
Dom.	PISURAYAK KOOTOOK	Baychimo/Umingmaktok	[9] 9 2003 14:45	[9] 10 2003 12:05
Dom.	PISURAYAK KOOTOOK	Gjoa Haven	[9] 13 2003 21:45	[9] 16 2003 2:00
Dom.	PISURAYAK KOOTOOK	Robert's Bay	[9] 7 2003 14:45	[9] 8 2003 19:00
Dom.	POLAR PRINCE	Makkovik, NL	[8] 13 2003 0:30	[8] 14 2003 0:51
Dom.	POLAR PRINCE	Igloolik	[7] 29 2003 16:15	[8] 4 2003 2:00
Dom.	POLAR PRINCE	Repulse Bay, NU	[8] 6 2003 4:38	[8] 7 2003 22:40
For.	POLAR STAR	Nain, NL	[9] 10 2003 16:36	[9] 10 2003 23:46
For.	POLAR STAR	Saglek Bay, NL	[9] 11 2003 10:00	[9] 11 2003 13:31
For.	POLAR STAR	Saglek Bay, NL	[9] 11 2003 18:00	[9] 11 2003 20:45
For.	POLAR STAR	Saglek Bay, NL	[9] 12 2003 0:45	[9] 13 2003 16:02
For.	POLAR STAR	Hopedale, NL	[9] 14 2003 11:33	[9] 14 2003 15:25
For.	POLAR STAR	Cartwright, NL	[9] 15 2003 12:09	[9] 15 2003 15:33
For.	POLAR STAR	Mary's Harbour, NL	[9] 22 2003 10:29	[9] 22 2003 13:54
Dom.	SAINT ORAN	Voisey Bay	[10] 14 2003 21:55	[10] 15 2003 12:58
Dom.	SAINT ORAN	Cartwright, NL	[10] 17 2003 14:50	[10] 17 2003 22:19
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Dom.	SAINT ORAN	Rigolet	[10] 22 2003 3:00	[10] 22 2003 16:49
Dom.	SAINT ORAN	Fox Harbour	[10] 23 2003 12:42	[10] 24 2003 6:29
Dom.	SAINT ORAN	Makkovik, NL	[10] 25 2003 14:16	[10] 30 2003 20:35

Dom.	SAINT ORAN	Voisey Bay	[10] 5 2003 18:00	[10] 6 2003 11:30
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Dom.	SAINT ORAN	Anaktalik Bay Harbour	Not reported	[11] 17 2003 17:23
Dom.	SAINT ORAN	Voisey Bay	[11] 1 2003 21:00	[11] 2 2003 20:30
Dom.	SAINT ORAN	Black Tickle	[11] 4 2003 3:00	[11] 4 2003 18:48
Dom.	SAINT ORAN	Black Tickle	[6] 13 2003 10:25	[6] 14 2003 15:04
Dom.	SAINT ORAN	Fox Harbour	[6] 14 2003 21:46	[6] 15 2003 10:54
Dom.	SAINT ORAN	Goose Bay, NL	[6] 28 2003 23:53	[6] 29 2003 23:29
Dom.	SAINT ORAN	Nain, NL	[7] 11 2003 21:34	[7] 12 2003 16:19
Dom.	SAINT ORAN	Cartwright, NL	[7] 15 2003 2:10	[7] 15 2003 15:23
Dom.	SAINT ORAN	Goose Bay, NL	[7] 16 2003 10:25	[7] 17 2003 20:20
Dom.	SAINT ORAN	Sango Bay Harbour	[7] 20 2003 3:00	[7] 21 2003 6:30
Dom.	SAINT ORAN	Postville, NL	[7] 21 2003 18:48	[7] 22 2003 13:30
Dom.	SAINT ORAN	Rigolet	[7] 23 2003 9:30	[7] 23 2003 11:40
Dom.	SAINT ORAN	Port Hope Simpson, NL	[7] 19 2003 18:35	[7] 24 2003 20:20
Dom.	SAINT ORAN	Port Hope Simpson, NL	[7] 24 2003 9:58	[7] 24 2003 20:20
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Dom.	SAINT ORAN	Norman Bay Harbour	[7] 25 2003 11:34	[7] 25 2003 14:49
Dom.	SAINT ORAN	Charlottetown Lab.Harb.	[7] 25 2003 16:59	[7] 25 2003 18:40
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Dom.	SAINT ORAN	Postville, NL	[7] 3 2003 20:13	[7] 3 2003 23:50
Dom.	SAINT ORAN	Cartwright, NL	[7] 4 2003 22:02	[7] 5 2003 7:32
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Dom.	SAINT ORAN	Makkovik, NL	[7] 8 2003 22:00	[7] 9 2003 6:51
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Dom.	SAINT ORAN	Goose Bay, NL	[8] 20 2003 11:10	[8] 21 2003 22:29
Dom.	SAINT ORAN	Sango Bay Harbour	[8] 23 2003 11:00	[8] 24 2003 13:20
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Dom.	SAINT ORAN	Fox Harbour	[8] 8 2003 15:00	[8] 8 2003 15:35
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Dom.	SAINT ORAN	Voisey Bay	[9] 22 2003 22:48	[9] 25 2003 21:05
Dom.	SAINT ORAN	Voisey Bay	[9] 2 2003 22:55	[9] 4 2003 1:49
Dom.	SAINT ORAN	Goose Bay, NL	[9] 5 2003 16:27	[9] 6 2003 16:56
Dom.	SAINT ORAN	Rigolet	[9] 7 2003 3:00	[9] 7 2003 20:50
For.	SAN FELICE	Churchill, MB	[9] 8 2003 2:48	[9] 11 2003 15:59
Dom.	SIBYL W	Hopedale, NL	[10] 13 2003 1:47	[10] 13 2003 20:18
Dom.	SIBYL W	Voisey Bay	[10] 14 2003 9:30	[10] 15 2003 18:45
Dom.	SIBYL W	Postville, NL	[10] 16 2003 11:10	[10] 16 2003 15:45
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Dom.	SIBYL W	Rigolet	[10] 24 2003 14:50	[10] 25 2003 18:45
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Dom.	UMIAVUT	Puvirnituq	[10] 30 2003 22:12	[11] 2 2003 12:00
Dom.	UMIAVUT	Port Harrison, QC	[11] 3 2003 2:00	[11] 5 2003 20:30
Dom.	UMIAVUT	Umiujak (Richmond Gulf)	[11] 6 2003 8:48	[11] 7 2003 1:00
Dom.	UMIAVUT	Lake Harbour, NU	[7] 10 2003 23:35	[7] 10 2003 14:00
Dom.	UMIAVUT	Cape Dorset, NU	[7] 11 2003 14:30	[7] 12 2003 18:00
Dom.	UMIAVUT	Wakeham Bay, QC	[7] 13 2003 16:10	[7] 14 2003 16:10
Dom.	UMIAVUT	Salluit, QC	[7] 15 2003 6:07	[7] 18 2003 3:00
Dom.	UMIAVUT	Puvirnituq	[7] 20 2003 1:00	[7] 20 2003 22:00
Dom.	UMIAVUT	Port Harrison, QC	[7] 21 2003 18:45	[7] 22 2003 15:30
Dom.	UMIAVUT	Coral Harbour, NU	[7] 24 2003 8:50	[7] 25 2003 14:30
Dom.	UMIAVUT	Pangnirtung, NU	[7] 28 2003 17:10	[7] 30 2003 13:50
Dom.	UMIAVUT	Iqaluit, NU	[6] 30 2003 21:30	[7] 8 2003 7:18
Dom.	UMIAVUT	Navisivik, NU	[8] 23 2003 18:30	[8] 26 2003 4:00
Dom.	UMIAVUT	Arctic Bay, NU	[8] 26 2003 12:00	[8] 28 2003 3:30
Dom.	UMIAVUT	Grisefiord, NU	[8] 29 2003 9:30	[8] 29 2003 20:00
Dom.	UMIAVUT	Thule Air Base	[8] 31 2003 16:00	[8] 31 2003 4:00

Dom.	UMIAVUT	Pangnirtung, NU	[9] 12 2003 9:30	[9] 14 2003 7:36
Dom.	UMIAVUT	Clyde River	[9] 16 2003 9:30	[9] 17 2003 2:30
Dom.	UMIAVUT	Broughton Island, NU	[9] 18 2003 0:11	[9] 18 2003 20:00
Dom.	UMIAVUT	Pond Inlet, NU	[9] 1 2003 11:00	[9] 3 2003 10:05
Dom.	UMIAVUT	Resolute, NU	[9] 4 2003 18:18	[9] 8 2003 11:00
Dom.	VEGA DESGAGNES	Goose Bay, NL	[12] 4 2003 20:05	[12] 5 2003 11:54

2004

Flag	Vessel name	Ported visited	Date, time arrival	Date, time departure
Dom.	NOVA GALE	Southern Labrador Bank	[2] 13 2004 19:30	[2] 24 2004 17:37
Dom.	MARIA DESGAGNES	Salluit, QC	[7] 11 2004 15:24	[7] 12 2004 13:18
Dom.	MARIA DESGAGNES	Wakeham Bay, QC	[7] 13 2004 11:00	[7] 13 2004 16:01
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[7] 15 2004 22:45	[7] 27 2004 3:36
Dom.	MARIA DESGAGNES	George River, QC	[7] 27 2004 11:24	[7] 30 2004 0:21
Dom.	MARIA DESGAGNES	Wakeham Bay, QC	[8] 8 2004 17:12	[8] 11 2004 9:18
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[7] 30 2004 12:00	[8] 7 2004 18:18
Dom.	MARIA DESGAGNES	Puvirnituq	[9] 5 2004 12:42	[9] 17 2004 11:12
Dom.	MARIA DESGAGNES	Great Whale River, QC	[8] 27 2004 11:00	[9] 4 2004 5:30
Dom.	ACADIENNE GALE II	Pangnirtung, NU	[10] 11 2004 23:40	[10] 13 2004 22:30
Dom.	AIVIK	Iqaluit, NU	[10] 6 2004 7:35	[10] 11 2004 3:00
Dom.	AIVIK	Kangirsuk, QC	[10] 12 2004 12:15	[10] 13 2004 10:10
Dom.	AIVIK	George River, QC	[10] 14 2004 5:30	[10] 15 2004 18:20
Dom.	AIVIK	Fort Chimo, QC	[10] 16 2004 0:45	[10] 20 2004 18:30
Dom.	AIVIK	Aupaluk	[10] 21 2004 5:30	[10] 24 2004 15:04
Dom.	AIVIK	Tasiujaq, QC	[10] 24 2004 22:15	[10] 28 2004 4:10
Dom.	AIVIK	Akulivik	[10] 30 2004 4:45	[10] 31 2004 7:20
Dom.	AIVIK	Puvirnituq	[10] 31 2004 15:15	[11] 2 2004 12:35
Dom.	AIVIK	Port Harrison, QC	[11] 3 2004 3:10	[11] 5 2004 0:55
Dom.	AIVIK	Deception Bay	[11] 6 2004 13:30	[11] 6 2004 23:00
Dom.	AIVIK	Aupaluk	[11] 7 2004 22:00	[11] 9 2004 14:05
Dom.	AIVIK	Voisey Bay	[12] 17 2004 16:30	[12] 23 2004 2:45
Dom.	AIVIK	Voisey Bay	[11] 24 2004 5:50	[12] 5 2004 16:00
Dom.	AIVIK	Quaqtaq, QC	[7] 10 2004 15:45	[7] 11 2004 12:50
Dom.	AIVIK	Kangirsuk, QC	[7] 11 2004 23:00	[7] 13 2004 8:00
Dom.	AIVIK	Fort Chimo, QC	[7] 14 2004 3:20	[7] 18 2004 15:00
Dom.	AIVIK	George River, QC	[7] 19 2004 0:05	[7] 20 2004 6:45
Dom.	AIVIK	Tasiujaq, QC	[7] 21 2004 0:50	[7] 21 2004 23:35
Dom.	AIVIK	Aupaluk	[7] 22 2004 2:20	[7] 23 2004 21:15
Dom.	AIVIK	Quaqtaq, QC	[7] 24 2004 8:00	[7] 25 2004 9:20
Dom.	AIVIK	Wakeham Bay, QC	[7] 25 2004 16:05	[7] 26 2004 21:48
Dom.	AIVIK	Fort Chimo, QC	[7] 27 2004 17:10	[7] 29 2004 1:04
Dom.	AIVIK	Pangnirtung, NU	[7] 30 2004 13:30	[8] 1 2004 1:00
Dom.	AIVIK	Iqaluit, NU	[8] 21 2004 2:40	[8] 24 2004 8:00
Dom.	AIVIK	George River, QC	[8] 25 2004 11:10	[8] 27 2004 3:00
Dom.	AIVIK	Iqaluit, NU	[8] 2 2004 8:45	[8] 3 2004 4:35
Dom.	AIVIK	Fort Chimo, QC	[8] 28 2004 1:00	[8] 30 2004 14:16
Dom.	AIVIK	Aupaluk	[8] 30 2004 23:18	[8] 31 2004 12:17
Dom.	AIVIK	Deception Bay	[9] 1 2004 14:20	[9] 1 2004 20:38
Dom.	AIVIK	Hall Beach, NU	[9] 9 2004 18:40	[9] 11 2004 22:02
Dom.	AIVIK	Repulse Bay, NU	[9] 14 2004 8:17	[9] 15 2004 22:02
Dom.	AIVIK	Puvirnituq	[9] 17 2004 17:13	[9] 18 2004 8:00
Dom.	AIVIK	Iqaluit, NU	[9] 20 2004 10:50	[9] 20 2004 21:45
Dom.	AIVIK	Salluit, QC	[9] 2 2004 0:35	[9] 3 2004 5:00
Dom.	AIVIK	Longstaff Bluff	[9] 6 2004 2:35	[9] 7 2004 5:25
Dom.	AIVIK	Igloolik	[9] 7 2004 23:45	[9] 9 2004 14:25
For.	AKADEMIK IOFFE	Iqaluit, NU	[7] 20 2004 12:00	[7] 20 2004 14:58
For.	AKADEMIK IOFFE	Dundas Harbour	[7] 29 2004 10:10	[7] 29 2004 15:30
For.	AKADEMIK IOFFE	Croker Bay	[7] 29 2004 17:50	[7] 29 2004 22:50
For.	AKADEMIK IOFFE	Erebus Ba /Beechey Island	[7] 30 2004 13:00	[7] 30 2004 16:15

For.	AKADEMIK IOFFE	Griffin Inlet	[7] 30 2004 19:25	[7] 30 2004 22:00
For.	AKADEMIK IOFFE	Resolute, NU	[7] 31 2004 9:00	[8] 1 2004 1:59
For.	AKADEMIK IOFFE	Griffin Inlet	[8] 1 2004 14:20	[8] 1 2004 17:40
For.	AKADEMIK IOFFE	Isabella Bay	[8] 14 2004 15:20	[8] 14 2004 17:41
For.	AKADEMIK IOFFE	Cape Graham Moore	[8] 16 2004 12:30	[8] 16 2004 15:15
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 16 2004 19:20	[8] 17 2004 0:20
For.	AKADEMIK IOFFE	Low Point	[8] 17 2004 11:00	[8] 17 2004 16:40
For.	AKADEMIK IOFFE	Cape Hay	[8] 17 2004 22:00	[8] 18 2004 0:10
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 18 2004 11:00	[8] 18 2004 15:40
For.	AKADEMIK IOFFE	Croker Bay	[8] 18 2004 18:15	[8] 18 2004 21:50
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 19 2004 10:15	[8] 19 2004 13:30
For.	AKADEMIK IOFFE	Prince Leopold Island	[8] 19 2004 18:55	[8] 19 2004 21:30
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 1 2004 20:45	[8] 2 2004 2:20
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 2 2004 13:45	[8] 2 2004 18:10
For.	AKADEMIK IOFFE	Navisivik, NU	[8] 20 2004 9:30	[8] 20 2004 21:50
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 21 2004 13:00	[8] 21 2004 16:10
For.	AKADEMIK IOFFE	Maxwell Bay	[8] 21 2004 20:30	[8] 22 2004 2:00
For.	AKADEMIK IOFFE	Croker Bay	[8] 22 2004 12:00	[8] 22 2004 16:10
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 22 2004 19:10	[8] 22 2004 23:30
For.	AKADEMIK IOFFE	Coburg Island	[8] 23 2004 11:40	[8] 23 2004 14:40
For.	AKADEMIK IOFFE	Grisefiord, NU	[8] 23 2004 19:40	[8] 24 2004 2:15
For.	AKADEMIK IOFFE	Cape Hay	[8] 24 2004 19:35	[8] 24 2004 20:35
For.	AKADEMIK IOFFE	Navy Board Inlet	[8] 24 2004 22:00	[8] 24 2004 23:00
For.	AKADEMIK IOFFE	Koluktoo Bay	[8] 25 2004 10:00	[8] 25 2004 11:00
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 25 2004 21:00	[8] 26 2004 2:50
For.	AKADEMIK IOFFE	Isabella Bay	[8] 27 2004 20:25	[8] 27 2004 21:05
For.	AKADEMIK IOFFE	Cape Hay	[8] 2 2004 22:50	[8] 3 2004 0:50
For.	AKADEMIK IOFFE	Milne Inlet	[8] 3 2004 11:40	[8] 3 2004 16:45
For.	AKADEMIK IOFFE	Low Point	[8] 3 2004 21:30	[8] 4 2004 0:50
For.	AKADEMIK IOFFE	Philpots island	[8] 4 2004 13:40	[8] 4 2004 16:15
For.	AKADEMIK IOFFE	Lake Harbour, NU	[9] 10 2004 19:00	[9] 10 2004 23:00
For.	AKADEMIK IOFFE	Pritzler Harbour	[9] 11 2004 10:19	[9] 11 2004 13:30
For.	AKADEMIK IOFFE	Lower Savage Island	[9] 11 2004 18:50	[9] 11 2004 21:40
For.	AKADEMIK IOFFE	Iqaluit, NU	[9] 12 2004 10:43	[9] 12 2004 17:20
For.	AKADEMIK IOFFE	Pangnirtung, NU	[9] 4 2004 19:40	[9] 5 2004 3:20
For.	AKADEMIK IOFFE	Drum Island	[9] 5 2004 10:25	[9] 5 2004 15:00
For.	AKADEMIK IOFFE	Monumental Island port	[9] 6 2004 11:30	[9] 6 2004 16:00
For.	AKADEMIK IOFFE	Resolution Island, NT	[9] 6 2004 23:15	[9] 7 2004 1:00
For.	AKADEMIK IOFFE	Akpatok Island	[9] 7 2004 12:45	[9] 7 2004 15:00
For.	AKADEMIK IOFFE	Erik Cove	[9] 8 2004 18:20	[9] 8 2004 19:10
For.	AKADEMIK IOFFE	Cape Dorset, NU	[9] 9 2004 11:40	[9] 9 2004 20:40
For.	ALBATROS	Deception Bay	[8] 22 2004 12:15	[8] 24 2004 9:30
Dom.	ALGOSCOTIA	Goose Bay, NL	[9] 4 2004 19:00	[9] 6 2004 10:27
Dom.	AMUNDSEN	Churchill, MB	[8] 26 2004 13:00	[8] 28 2004 0:00
Dom.	AMUNDSEN	Salluit, QC	[9] 16 2004 20:00	[9] 17 2004 1:38
Dom.	ANGLIAN LADY	Voisey Bay	[10] 13 2004 8:00	[10] 21 2004 4:31
Dom.	ANGLIAN LADY	Voisey Bay	[11] 14 2004 15:08	[11] 29 2004 4:47
Dom.	ANGLIAN LADY	Voisey Bay	[7] 21 2004 9:30	[7] 28 2004 0:34
Dom.	ANGLIAN LADY	Voisey Bay	[7] 3 2004 11:00	[7] 5 2004 21:45
Dom.	ANGLIAN LADY	Voisey Bay	[8] 12 2004 6:00	[8] 16 2004 20:18
Dom.	ANGLIAN LADY	Goose Bay, NL	[8] 18 2004 20:30	[8] 21 2004 18:56
Dom.	ANGLIAN LADY	Anaktalik Bay Harbour	Not reported	[8] 24 2004 20:21
Dom.	ANGLIAN LADY	Voisey Bay	[9] 11 2004 0:45	[9] 24 2004 13:30
Dom.	ANN HARVEY	Goose Bay, NL	[11] 19 2004 22:18	[11] 20 2004 8:15
Dom.	ANN HARVEY	Packs Harbour	[11] 28 2004 18:03	[11] 29 2004 11:23
Dom.	ANN HARVEY	Cartwright, NL	[11] 29 2004 16:12	[11] 30 2004 14:30
Dom.	ANN HARVEY	Charlottetown Lab. Harb.	[12] 17 2004 19:30	[12] 18 2004 11:30
Dom.	ANN HARVEY	Cartwright, NL	[12] 21 2004 11:30	[12] 22 2004 10:08
Dom.	ANN HARVEY	Voisey Bay	[12] 23 2004 11:30	[12] 24 2004 12:06
Dom.	ANN HARVEY	Cartwright, NL	[6] 14 2004 1:30	[6] 14 2004 23:03

Dom.	ANN HARVEY	Goose Bay, NL	[6] 21 2004 22:30	[6] 24 2004 12:02
Dom.	ANN HARVEY	Goose Bay, NL	[6] 4 2004 16:20	[6] 5 2004 11:45
Dom.	ANN HARVEY	Goose Bay, NL	[6] 5 2004 23:20	[6] 6 2004 13:03
Dom.	ANN HARVEY	Hopedale, NL	[7] 10 2004 21:30	[7] 14 2004 10:30
Dom.	ANN HARVEY	Goose Bay, NL	[7] 5 2004 11:30	[7] 5 2004 16:00
Dom.	ANNA DESGAGNES	Iqaluit, NU	[10] 10 2004 14:20	[10] 21 2004 20:15
Dom.	ANNA DESGAGNES	Lake Harbour, NU	[10] 22 2004 15:45	[10] 23 2004 6:00
Dom.	ANNA DESGAGNES	Ivujivik, QC	[10] 24 2004 1:00	[10] 26 2004 3:25
Dom.	ANNA DESGAGNES	Akulivik	[10] 26 2004 13:30	[10] 26 2004 22:00
Dom.	ANNA DESGAGNES	Pangnirtung, NU	[10] 7 2004 21:25	[10] 8 2004 6:45
Dom.	ANNA DESGAGNES	Cape Dyer	[10] 9 2004 0:45	[10] 9 2004 6:40
Dom.	ANNA DESGAGNES	Iqaluit, NU	[7] 7 2004 13:00	[7] 11 2004 19:36
Dom.	ANNA DESGAGNES	Salluit, QC	[7] 14 2004 9:40	[7] 16 2004 3:55
Dom.	ANNA DESGAGNES	Deception Bay	[7] 16 2004 7:30	[7] 16 2004 19:45
Dom.	ANNA DESGAGNES	Douglas Harbour QC	[7] 17 2004 4:30	[7] 19 2004 2:35
Dom.	ANNA DESGAGNES	Ivujivik, QC	[7] 19 2004 17:00	[7] 20 2004 6:25
Dom.	ANNA DESGAGNES	Akulivik	[7] 20 2004 17:50	[7] 21 2004 4:05
Dom.	ANNA DESGAGNES	Port Harrison, QC	[7] 21 2004 18:10	[7] 23 2004 0:30
Dom.	ANNA DESGAGNES	Umiujak (Richmond Gulf)	[7] 23 2004 13:00	[7] 24 2004 21:10
Dom.	ANNA DESGAGNES	Belcher Islands, NU	[7] 25 2004 10:30	[7] 26 2004 4:05
Dom.	ANNA DESGAGNES	Great Whale River, QC	[7] 26 2004 19:00	[7] 27 2004 5:30
Dom.	ANNA DESGAGNES	Kangirsuk, QC	[7] 3 2004 12:40	[7] 5 2004 17:46
Dom.	ANNA DESGAGNES	Fort Chimo, QC	[8] 15 2004 8:07	[8] 18 2004 1:00
Dom.	ANNA DESGAGNES	Iqaluit, NU	[8] 19 2004 3:15	[8] 22 2004 18:13
Dom.	ANNA DESGAGNES	Resolution Island, NT	[8] 23 2004 7:46	[8] 23 2004 10:00
Dom.	ANNA DESGAGNES	Cape Dyer	[8] 24 2004 10:10	[8] 25 2004 1:40
Dom.	ANNA DESGAGNES	Pond Inlet, NU	[8] 26 2004 20:40	[8] 28 2004 0:40
Dom.	ANNA DESGAGNES	Arctic Bay, NU	[8] 28 2004 16:50	[8] 29 2004 6:00
Dom.	ANNA DESGAGNES	Navisivik, NU	[8] 29 2004 11:00	[8] 31 2004 17:40
Dom.	ANNA DESGAGNES	Pond Inlet, NU	[9] 9 2004 22:54	[9] 10 2004 0:50
Dom.	ANNA DESGAGNES	Clyde River	[9] 10 2004 20:30	[9] 11 2004 4:00
Dom.	ANNA DESGAGNES	Broughton Island, NU	[9] 11 2004 19:20	[9] 12 2004 10:15
Dom.	ANNA DESGAGNES	Cape Dyer	[9] 12 2004 20:30	[9] 14 2004 14:45
Dom.	ANNA DESGAGNES	Iqaluit, NU	[9] 15 2004 20:45	[9] 16 2004 3:40
Dom.	ANNA DESGAGNES	Resolute, NU	[9] 2 2004 2:00	[9] 4 2004 20:26
Dom.	ANNA DESGAGNES	Little Cornwallis Island	[9] 5 2004 23:00	[9] 8 2004 1:20
Dom.	ANNA DESGAGNES	Resolute, NU	[9] 8 2004 6:30	[9] 8 2004 17:00
For.	ANODAD NAREE	Churchill, MB	[8] 9 2004 21:12	[8] 12 2004 23:40
Dom.	AQVIQ	Nuuk/Godthaab	Not reported	[8] 11 2004 2:30
Dom.	ARCTIC	Deception Bay	[10] 22 2004 12:12	[10] 30 2004 6:15
Dom.	ARCTIC	Iqaluit, NU	[11] 23 2004 17:30	[12] 1 2004 15:35
Dom.	ARCTIC	Deception Bay	[12] 2 2004 20:00	[12] 6 2004 12:53
Dom.	ARCTIC	Deception Bay	[6] 15 2004 19:12	[6] 23 2004 23:48
Dom.	ARCTIC	Deception Bay	[8] 12 2004 14:25	[8] 21 2004 1:00
Dom.	ARCTIC	Deception Bay	[9] 8 2004 18:40	[9] 12 2004 12:00
Dom.	ARCTIC ENDURANCE	Southern Labrador Bank	[11] 7 2004 21:53	[11] 7 2004 22:04
Dom.	ARCTIC ENDURANCE	Saglek Bay, NL	[7] 10 2005 20:30	[7] 10 2004 21:36
Dom.	ASTRON	Voisey Bay	[9] 29 2004 4:20	[10] 1 2004 6:33
Dom.	ASTRON	Voisey Bay	[10] 17 2004 9:38	[10] 25 2004 0:21
Dom.	ASTRON	Voisey Bay	[11] 15 2004 20:50	[11] 18 2004 15:03
Dom.	ASTRON	Voisey Bay	[11] 3 2004 17:25	[11] 5 2004 22:38
Dom.	ASTRON	Voisey Bay	[12] 16 2004 16:30	[12] 19 2004 8:11
Dom.	ASTRON	Voisey Bay	[11] 30 2004 11:40	[12] 6 2004 22:55
Dom.	ASTRON	Voisey Bay	[6] 21 2004 19:55	[6] 23 2004 8:22
Dom.	ASTRON	Voisey Bay	[7] 12 2004 1:08	[7] 14 2004 5:25
Dom.	ASTRON	Voisey Bay	[7] 1 2004 8:50	[7] 2 2004 9:02
Dom.	ASTRON	Voisey Bay	[7] 23 2004 19:14	[7] 26 2004 12:22
Dom.	ASTRON	Voisey Bay	[8] 17 2004 17:40	[8] 20 2004 22:55
Dom.	ASTRON	Voisey Bay	[8] 5 2004 14:35	[8] 7 2004 23:20
Dom.	ASTRON	Voisey Bay	[9] 12 2004 18:10	[9] 16 2004 18:16

Dom.	ASTRON	Anaktalik Bay Harbour	[8] 31 2004 12:20	[9] 2 2004 21:30
Dom.	ASTRON	Voisey Bay	[8] 31 2004 12:20	[9] 2 2004 21:30
Dom.	ATLANTIC ELM	Voisey Bay	[10] 16 2004 6:21	[10] 19 2004 8:21
Dom.	ATLANTIC ELM	Voisey Bay	[9] 30 2004 11:50	[10] 4 2004 15:41
Dom.	ATLANTIC ELM	Voisey Bay	[10] 29 2004 9:48	[11] 3 2004 15:57
Dom.	ATLANTIC ELM	Voisey Bay	[11] 24 2004 21:58	[12] 13 2004 1:52
Dom.	ATLANTIC ELM	Voisey Bay	[9] 11 2004 16:05	[9] 14 2004 6:01
Dom.	ATLANTIC TEAK	Voisey Bay	[7] 13 2004 10:25	[7] 19 2004 8:40
Dom.	ATLANTIC TEAK	Voisey Bay	[8] 17 2004 9:56	[8] 19 2004 18:00
Dom.	ATLANTIC TEAK	Voisey Bay	[8] 2 2004 0:30	[8] 4 2004 12:04
Dom.	CAMILLA DESGAGNES	Puvirnituq	[9] 29 2004 23:00	[10] 1 2004 19:30
Dom.	CAMILLA DESGAGNES	Rankin Inlet, NU	[10] 9 2004 23:45	[10] 11 2004 2:10
Dom.	CAMILLA DESGAGNES	Whale Cove, NU	[10] 11 2004 10:00	[10] 11 2004 17:30
Dom.	CAMILLA DESGAGNES	Eskimo Point, NU	[10] 12 2004 0:30	[10] 13 2004 13:30
Dom.	CAMILLA DESGAGNES	Great Whale River, QC	[10] 15 2004 18:45	[10] 16 2004 8:19
Dom.	CAMILLA DESGAGNES	Belcher Islands, NU	[10] 16 2004 17:10	[10] 17 2004 2:30
Dom.	CAMILLA DESGAGNES	Umiujak (Richmond Gulf)	[10] 17 2004 11:10	[10] 17 2004 21:10
Dom.	CAMILLA DESGAGNES	Salluit, QC	[10] 19 2004 10:10	[10] 19 2004 23:45
Dom.	CAMILLA DESGAGNES	Port Harrison, QC	[10] 2 2004 11:40	[10] 4 2004 5:05
Dom.	CAMILLA DESGAGNES	Cape Dorset, NU	[10] 5 2004 12:15	[10] 6 2004 22:45
Dom.	CAMILLA DESGAGNES	Coral Harbour, NU	[10] 7 2004 16:50	[10] 8 2004 13:50
Dom.	CAMILLA DESGAGNES	Chesterfield Inlet, NU	[10] 9 2004 9:35	[10] 9 2004 17:10
Dom.	CAMILLA DESGAGNES	Puvirnituq	[7] 17 2004 16:45	[7] 20 2004 21:30
Dom.	CAMILLA DESGAGNES	Eskimo Point, NU	[7] 23 2004 23:20	[7] 24 2004 4:30
Dom.	CAMILLA DESGAGNES	Whale Cove, NU	[7] 24 2004 13:10	[7] 25 2004 2:30
Dom.	CAMILLA DESGAGNES	Rankin Inlet, NU	[7] 25 2004 10:17	[7] 26 2004 4:00
Dom.	CAMILLA DESGAGNES	Chesterfield Inlet, NU	[7] 26 2004 12:17	[7] 27 2004 2:25
Dom.	CAMILLA DESGAGNES	Baker Lake, NU	[7] 27 2004 5:00	[7] 28 2004 5:55
Dom.	CAMILLA DESGAGNES	Coral Harbour, NU	[7] 29 2004 4:54	[7] 30 2004 0:30
Dom.	CAMILLA DESGAGNES	Lake Harbour, NU	[7] 31 2004 13:20	[8] 1 2004 4:15
Dom.	CAMILLA DESGAGNES	Wakeham Bay, QC	[8] 1 2004 13:30	[8] 1 2004 18:14
Dom.	CAMILLA DESGAGNES	Wakeham Bay, QC	[8] 22 2004 1:00	[8] 22 2004 13:05
Dom.	CAMILLA DESGAGNES	Igloolik	[8] 25 2004 8:20	[8] 27 2004 3:50
Dom.	CAMILLA DESGAGNES	Hall Beach, NU	[8] 27 2004 9:00	[8] 28 2004 7:10
Dom.	CAMILLA DESGAGNES	Repulse Bay, NU	[8] 30 2004 12:30	[9] 1 2004 2:45
Dom.	CAMILLA DESGAGNES	Puvirnituq	[9] 9 2004 0:15	[9] 10 2004 23:00
Dom.	CAMILLA DESGAGNES	Wakeham Bay, QC	[9] 12 2004 5:35	[9] 12 2004 9:15
Dom.	CAMILLA DESGAGNES	Rankin Inlet, NU	[9] 2 2004 5:40	[9] 2 2004 23:00
Dom.	CAMILLA DESGAGNES	Saglek Bay, NL	[9] 26 2004 17:00	[9] 27 2004 4:05
Dom.	CAMILLA DESGAGNES	Chesterfield Inlet, NU	[9] 3 2004 6:30	[9] 3 2004 19:15
Dom.	CAMILLA DESGAGNES	Port Harrison, QC	[9] 5 2004 11:30	[9] 6 2004 20:30
Dom.	CAMILLA DESGAGNES	Umiujak (Richmond Gulf)	[9] 7 2004 9:05	[9] 7 2004 15:00
Dom.	CECILIA DESGAGNES	Tasiujaq, QC	[10] 8 2004 17:51	[10] 11 2004 13:30
Dom.	CECILIA DESGAGNES	Aupaluk	[10] 11 2004 22:30	[10] 13 2004 0:00
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[10] 13 2004 15:27	[10] 16 2004 14:30
Dom.	CECILIA DESGAGNES	George River, QC	[10] 17 2004 5:00	[10] 18 2004 4:00
Dom.	CECILIA DESGAGNES	Wakeham Bay, QC	[10] 19 2004 4:48	[10] 19 2004 20:00
Dom.	CECILIA DESGAGNES	Salluit, QC	[10] 20 2004 12:42	[10] 21 2004 18:00
Dom.	CECILIA DESGAGNES	Lake Harbour, NU	[10] 22 2004 17:30	[10] 23 2004 5:33
Dom.	CECILIA DESGAGNES	Quaqtaq, QC	[10] 23 2004 15:36	[10] 23 2004 23:00
Dom.	CECILIA DESGAGNES	Douglas Harbour QC	[10] 24 2004 13:45	[10] 25 2004 0:45
Dom.	CECILIA DESGAGNES	Saglek Bay, NL	[10] 26 2004 11:30	[10] 26 2004 23:24
Dom.	CECILIA DESGAGNES	Nain, NL	[10] 27 2004 14:36	[10] 27 2004 22:53
Dom.	CECILIA DESGAGNES	Kangirsuk, QC	[10] 6 2004 13:06	[10] 7 2004 20:15
Dom.	CECILIA DESGAGNES	Voisey Bay	[12] 11 2004 16:24	[12] 17 2004 20:48
Dom.	CECILIA DESGAGNES	George River, QC	[7] 12 2004 20:36	[7] 14 2004 13:06
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[7] 15 2004 2:12	[7] 17 2004 15:30
Dom.	CECILIA DESGAGNES	Tasiujaq, QC	[7] 18 2004 13:45	[7] 19 2004 3:48
Dom.	CECILIA DESGAGNES	Aupaluk	[7] 19 2004 11:55	[7] 19 2004 23:33
Dom.	CECILIA DESGAGNES	Quaqtaq, QC	[7] 20 2004 15:00	[7] 20 2004 23:00

Dom.	CECILIA DESGAGNES	Cape Dorset, NU	[7] 21 2004 23:00	[7] 22 2004 5:00
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[7] 24 2004 1:15	[7] 24 2004 2:30
Dom.	CECILIA DESGAGNES	Thule/Qanaq	[7] 28 2004 20:12	[7] 29 2004 3:00
Dom.	CECILIA DESGAGNES	Saglek Bay, NL	[7] 6 2004 10:45	[7] 7 2004 3:30
Dom.	CECILIA DESGAGNES	Goose Bay, NL	[7] 9 2004 10:15	[7] 9 2004 12:56
Dom.	CECILIA DESGAGNES	Pond Inlet, NU	[9] 7 2004 4:25	[9] 10 2004 1:09
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[9] 13 2004 16:10	[9] 15 2004 23:51
Dom.	CECILIA DESGAGNES	Resolution Island, NT	[9] 16 2004 16:39	[9] 18 2004 19:27
Dom.	CECILIA DESGAGNES	Cape Dyer	[9] 4 2004 11:06	[9] 5 2004 1:54
For.	CLIPPER ADVENTURER	Nuuk/Godthaab	Not reported	[8] 22 2004 14:30
For.	CLIPPER ADVENTURER	Iqaluit, NU	[8] 24 2004 10:30	[8] 24 2004 16:00
For.	CLIPPER ADVENTURER	Akpatok Island	[8] 25 2004 12:30	[8] 25 2004 15:15
For.	CLIPPER ADVENTURER	Nain, NL	[8] 27 2004 10:00	[8] 27 2004 10:30
For.	CLIPPER ADVENTURER	Rigolet	[8] 28 2004 11:40	[8] 28 2004 13:41
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[8] 29 2004 11:00	[8] 29 2004 12:25
For.	CLIPPER ADVENTURER	Mary's Harbour, NL	[9] 5 2004 0:38	[9] 5 2004 14:12
Dom.	DES GROSEILLIERS	Resolute, NU	Not reported	[8] 12 2004 12:42
Dom.	DES GROSEILLIERS	Arctic Bay, NU	Not reported	[8] 21 2004 20:00
Dom.	DES GROSEILLIERS	Pelly Bay/Kugaaruk	[9] 23 2004 12:00	[9] 23 2004 12:00
Dom.	EASTERN TUGGER	Goose Bay, NL	[10] 12 2004 13:43	[10] 14 2004 19:17
Dom.	EASTERN TUGGER	Goose Bay, NL	[9] 11 2004 23:48	[9] 14 2004 20:44
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[8] 11 2004 3:30
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[9] 1 2004 7:30
Dom.	EDGAR KOTOKAK	Cambridge Bay, NU	[9] 8 2004 2:51	[9] 12 2004 4:20
Dom.	EDGAR KOTOKAK	Johansen Bay	Not reported	[9] 16 2004 14:50
Dom.	EDGAR KOTOKAK	Gjoa Haven	[9] 18 2004 21:45	[9] 24 2004 14:45
Dom.	EMERALD STAR	Goose Bay, NL	[10] 21 2004 18:21	[10] 22 2004 8:11
Dom.	EMERALD STAR	Goose Bay, NL	Not reported	[11] 17 2004 22:00
Dom.	EMERALD STAR	Goose Bay, NL	[6] 28 2004 11:20	[6] 29 2004 0:52
For.	GENESIS EXPLORER	Goose Bay, NL	[10] 18 2004 12:00	[10] 20 2004 10:26
For.	GENESIS EXPLORER	Goose Bay, NL	[10] 2 2004 20:55	[10] 4 2004 20:10
For.	GENESIS EXPLORER	Goose Bay, NL	[11] 10 2004 11:45	[11] 12 2004 10:11
For.	GENESIS EXPLORER	Goose Bay, NL	[6] 7 2004 11:34	[6] 8 2004 23:15
For.	GENESIS EXPLORER	Goose Bay, NL	[7] 20 2004 17:00	[7] 21 2004 20:01
For.	HANSEATIC	Coburg Island	[8] 10 2004 19:00	[8] 10 2004 21:30
For.	HANSEATIC	Uummannaq	Not reported	[8] 4 2004 12:00
For.	HANSEATIC	Pond Inlet, NU	[8] 6 2004 16:00	[8] 6 2004 18:00
For.	HANSEATIC	Erebus Bay/Beechey Island	[8] 7 2004 19:28	[8] 8 2004 5:10
For.	HANSEATIC	Resolute, NU	[8] 8 2004 11:30	[8] 8 2004 16:00
For.	HANSEATIC	Dundas Harbour	[8] 9 2004 13:42	[8] 9 2004 17:00
Dom.	HARP	Rigolet	[10] 25 2004 10:30	[10] 25 2004 17:23
Dom.	HARP	Goose Bay, NL	[10] 26 2004 0:20	[10] 30 2004 15:00
Dom.	HARP	Rigolet	[10] 26 2004 0:20	[10] 30 2004 15:00
Dom.	HARP	Fox Harbour	[7] 5 2004 19:15	[7] 7 2004 18:30
Dom.	HENRY LARSEN	Iqaluit, NU	[10] 21 2004 20:01	[10] 21 2004 20:02
Dom.	HENRY LARSEN	Iqaluit, NU	[8] 11 2004 20:00	[8] 11 2004 20:00
Dom.	HENRY LARSEN	Iqaluit, NU	[9] 22 2004 22:00	[9] 22 2004 22:00
Dom.	HUDSON BAY EXPLORER	Wemindji New Post	Not reported	[10] 28 2004 19:15
Dom.	HUDSON BAY EXPLORER	Nain, NL	[11] 4 2004 11:03	[11] 15 2004 14:35
Dom.	HUDSON BAY EXPLORER	Voisey Bay	[11] 15 2004 17:35	[11] 16 2004 13:07
Dom.	INUKSUK I	Iqaluit, NU	[7] 24 2004 13:30	[7] 25 2004 3:26
Dom.	JERRY NEWBERRY	Voisey Bay	Not reported	[11] 28 2004 23:45
Dom.	JERRY NEWBERRY	Makkovik, NL	[11] 30 2004 4:55	[12] 8 2004 12:25
Dom.	JERRY NEWBERRY	Nain, NL	Not reported	[6] 29 2004 23:46
Dom.	JERRY NEWBERRY	Voisey Bay	[7] 9 2004 22:30	[7] 9 2004 22:43
Dom.	JOCK MCNIVEN	Tuktoyaktuk Harbour	Not reported	[9] 1 2004 21:53
Dom.	JOCK MCNIVEN	Lady Franklin Point / Pin 3	[9] 9 2004 4:30	[9] 10 2004 22:39
Dom.	JOCK MCNIVEN	Cambridge Bay, NU	[9] 11 2004 3:15	[9] 12 2004 2:20
Dom.	JOCK MCNIVEN	Johansen Bay	[9] 12 2004 23:00	[9] 13 2004 13:59
Dom.	JOCK MCNIVEN	Lady Franklin Point / Pin 3	Not reported	[9] 14 2004 14:45

Dom.	JOCK MCNIVEN	Cambridge Bay, NU	[9] 15 2004 14:26	[9] 16 2004 1:16
Dom.	JOCK MCNIVEN	Gladman Point Harbour	[9] 16 2004 22:53	[9] 18 2004 16:13
Dom.	JOCK MCNIVEN	Cambridge Bay, NU	[9] 19 2004 1:59	[9] 20 2004 20:00
Dom.	JOCK MCNIVEN	Cape Young/Pin 2A	[9] 7 2004 21:45	[9] 8 2004 21:45
Dom.	KALIUTIK	Nain, NL	[9] 15 2004 0:01	[11] 28 2004 12:13
Dom.	KALIUTIK	Sango Bay Harbour	[11] 28 2004 19:37	[11] 28 2004 23:00
Dom.	KALIUTIK	Makkovik, NL	[11] 29 2004 14:00	[11] 30 2004 22:34
Dom.	KALIUTIK	Saglek Bay, NL	[7] 8 2004 9:45	[7] 11 2004 10:48
Dom.	KALIUTIK	Port Burwell	[7] 12 2004 16:24	[7] 13 2004 9:52
Dom.	KALIUTIK	Rankin Inlet, NU	[7] 18 2004 1:00	[7] 21 2004 1:50
Dom.	KALIUTIK	Eskimo Point, NU	[7] 21 2004 19:40	[7] 24 2004 0:01
Dom.	KALIUTIK	Whale Cove, NU	[7] 24 2004 10:00	[7] 25 2004 2:09
Dom.	KALIUTIK	Nain, NL	[7] 1 2004 17:00	[7] 7 2004 15:05
Dom.	KALIUTIK	Rankin Inlet, NU	[8] 8 2004 19:00	[8] 27 2004 11:00
Dom.	KALIUTIK	Repulse Bay, NU	[8] 29 2004 4:40	[8] 30 2004 20:40
Dom.	KALIUTIK	Baker Lake, NU	[7] 26 2004 22:20	[8] 8 2004 0:01
Dom.	KALIUTIK	Sugluk Island Harbour	[9] 9 2004 14:43	[9] 10 2004 22:00
Dom.	KALIUTIK	Wakeham Bay, QC	[9] 11 2004 15:00	[9] 12 2004 5:00
Dom.	KALIUTIK	Baker Lake, NU	[9] 2 2004 2:10	[9] 2 2004 12:05
Dom.	KALIUTIK	Chesterfield Inlet, NU	[9] 3 2004 10:53	[9] 3 2004 17:30
Dom.	KALIUTIK	Baker Lake, NU	[9] 4 2004 15:00	[9] 5 2004 1:00
For.	KAPITAN KHLEBNIKOV	Bellot Strait	[8] 10 2004 12:00	[8] 10 2004 12:00
For.	KAPITAN KHLEBNIKOV	Prince Leopold Island	[8] 11 2004 4:00	[8] 11 2004 5:00
For.	KAPITAN KHLEBNIKOV	Radstock Bay	[8] 11 2004 11:00	[8] 11 2004 17:00
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[8] 11 2004 19:30	[8] 11 2004 23:44
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[8] 12 2004 5:00	[8] 13 2004 1:30
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[8] 13 2004 9:30	[8] 13 2004 16:00
For.	KAPITAN KHLEBNIKOV	Prince Leopold Island	[8] 13 2004 21:00	[8] 13 2004 22:45
For.	KAPITAN KHLEBNIKOV	Dobbin Bay	[8] 18 2004 14:30	[8] 19 2004 2:00
For.	KAPITAN KHLEBNIKOV	Alexandra Fiord	[8] 19 2004 12:00	[8] 20 2004 0:00
For.	KAPITAN KHLEBNIKOV	Pim Island	[8] 20 2004 12:00	[8] 20 2004 17:00
For.	KAPITAN KHLEBNIKOV	Coburg Island	[8] 21 2004 19:00	[8] 21 2004 22:00
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[8] 22 2004 12:30	[8] 22 2004 22:48
For.	KAPITAN KHLEBNIKOV	Arctic Bay, NU	[8] 23 2004 11:00	[8] 23 2004 23:38
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[8] 24 2004 12:30	[8] 24 2004 18:10
For.	KAPITAN KHLEBNIKOV	Coburg Island	[8] 27 2004 11:00	[8] 27 2004 11:13
For.	KAPITAN KHLEBNIKOV	Grisefiord, NU	[8] 27 2004 16:30	[8] 27 2004 20:30
For.	KAPITAN KHLEBNIKOV	Eureka	[8] 28 2004 17:00	[8] 28 2004 18:00
For.	KAPITAN KHLEBNIKOV	Herschel Island	[8] 3 2004 13:17	[8] 3 2004 21:06
For.	KAPITAN KHLEBNIKOV	Tanquary Fiord	[8] 29 2004 13:00	[8] 30 2004 11:00
For.	KAPITAN KHLEBNIKOV	Eureka	[8] 31 2004 12:00	[8] 31 2004 23:00
For.	KAPITAN KHLEBNIKOV	Smoking Hills	[8] 4 2004 16:00	[8] 4 2004 20:56
For.	KAPITAN KHLEBNIKOV	Holman, NT	[8] 5 2004 18:30	[8] 6 2004 0:00
For.	KAPITAN KHLEBNIKOV	Johansen Bay	[8] 6 2004 16:00	[8] 7 2004 1:45
For.	KAPITAN KHLEBNIKOV	Cambridge Bay, NU	[8] 7 2004 14:00	[8] 7 2004 19:30
For.	KAPITAN KHLEBNIKOV	Norwegian Bay	[9] 1 2004 13:00	[9] 1 2004 20:59
For.	KAPITAN KHLEBNIKOV	Alexandra Fiord	[9] 10 2004 18:00	[9] 10 2004 22:00
For.	KAPITAN KHLEBNIKOV	Pim Island	[9] 11 2004 0:00	[9] 11 2004 23:00
For.	KAPITAN KHLEBNIKOV	Coburg Island	[9] 12 2004 14:00	[9] 12 2004 17:30
For.	KAPITAN KHLEBNIKOV	Croker Bay	[9] 13 2004 14:00	[9] 13 2004 23:00
For.	KAPITAN KHLEBNIKOV	Radstock Bay	[9] 14 2004 14:00	[9] 14 2004 15:30
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[9] 14 2004 18:00	[9] 14 2004 21:30
For.	KAPITAN KHLEBNIKOV	Resolute, NU	[9] 15 2004 3:00	[9] 16 2004 2:00
For.	KAPITAN KHLEBNIKOV	Polar Bear Pass	[9] 2 2004 6:00	[9] 2 2004 11:00
For.	KAPITAN KHLEBNIKOV	Erebus Bay/Beechey Island	[9] 3 2004 12:00	[9] 3 2004 16:05
For.	KAPITAN KHLEBNIKOV	Prince Leopold Island	[9] 3 2004 20:30	[9] 3 2004 21:30
For.	KAPITAN KHLEBNIKOV	Arctic Bay, NU	[9] 4 2004 9:00	[9] 5 2004 1:30
For.	KAPITAN KHLEBNIKOV	Dundas Harbour	[9] 5 2004 13:00	[9] 5 2004 17:00
For.	KAPITONAS A. LUCKA	Churchill, MB	[9] 2 2004 13:30	[9] 10 2004 9:40
For.	KAPITONAS ANDZEJAUSKAS	Churchill, MB	[9] 1 2004 12:40	[9] 4 2004 3:20

Dom.	KEEWATIN	Voisey Bay	[6] 29 2004 6:00	[6] 29 2004 21:30
Dom.	KEEWATIN	Voisey Bay	Not reported	[6] 30 2004 11:44
Dom.	KEEWATIN	Voisey Bay	[7] 14 2004 22:55	[7] 16 2004 1:06
Dom.	KEEWATIN	Voisey Bay	[9] 20 2004 19:58	[9] 27 2004 11:36
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[10] 12 2004 17:30	[10] 17 2004 17:56
Dom.	LABRADOR ARROW	Southern Labrador Bank	[10] 18 2004 20:34	[10] 23 2004 13:02
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[10] 24 2004 4:28	[10] 25 2004 20:16
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[10] 5 2004 9:30	[10] 7 2004 14:34
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[11] 12 2004 17:24	[11] 15 2004 10:47
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[11] 21 2004 13:07	[11] 24 2004 10:34
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[10] 30 2004 18:18	[11] 5 2004 18:29
Dom.	LABRADOR ARROW	Makkovik, NL	[11] 9 2004 13:29	[11] 9 2004 17:04
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[7] 14 2004 14:59	[7] 15 2004 23:16
Dom.	LABRADOR ARROW	Southern Labrador Bank	[7] 21 2004 8:45	[7] 23 2004 8:15
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[7] 28 2004 13:55	[7] 29 2004 22:22
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[7] 7 2004 21:40	[7] 9 2004 8:42
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[8] 11 2004 19:45	[8] 14 2004 0:20
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[8] 19 2004 21:00	[8] 21 2004 15:20
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[8] 27 2004 16:49	[8] 28 2004 20:55
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	Not reported	[8] 28 2004 21:34
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[8] 4 2004 23:55	[8] 6 2004 16:56
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[9] 9 2004 14:52	[9] 10 2004 18:57
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[9] 15 2004 10:22	[9] 18 2004 8:17
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[9] 23 2004 13:56	[9] 24 2004 21:45
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[9] 28 2004 1:00	[9] 29 2004 21:55
Dom.	LABRADOR ARROW	Charlottetown Lab. Harb.	[9] 3 2004 10:15	[9] 4 2004 19:09
For.	LE LEVANT	Nain, NL	[7] 27 2004 11:00	[7] 27 2004 18:03
For.	LE LEVANT	Saglek Bay, NL	[7] 28 2004 5:00	[7] 28 2004 17:24
For.	LE LEVANT	Akpatok Island	[7] 29 2004 15:00	[7] 29 2004 17:00
For.	LE LEVANT	Cape Dorset, NU	[7] 30 2004 17:00	[7] 31 2004 2:00
For.	LE LEVANT	Erik Cove	[8] 1 2004 11:30	[8] 1 2004 16:30
For.	LE LEVANT	Ivujivik, QC	[8] 1 2004 18:00	[8] 1 2004 19:30
For.	LE LEVANT	Akpatok Island	[8] 10 2004 16:30	[8] 10 2004 19:30
For.	LE LEVANT	Saglek Bay, NL	Not reported	[8] 11 2004 20:00
For.	LE LEVANT	Nain, NL	[8] 12 2004 12:00	[8] 12 2004 16:30
For.	LE LEVANT	Mary's Harbour, NL	[8] 19 2004 18:30	[8] 19 2004 21:35
For.	LE LEVANT	Lake Harbour, NU	[8] 2 2004 14:00	[8] 3 2004 1:52
For.	LE LEVANT	Grinnel Glacier	[8] 3 2004 18:00	[8] 3 2004 18:30
For.	LE LEVANT	Iqaluit, NU	[8] 4 2004 3:00	[8] 5 2004 3:00
For.	LE LEVANT	Grinnel Glacier	[8] 5 2004 14:00	[8] 5 2004 17:00
For.	LE LEVANT	Lake Harbour, NU	[8] 6 2004 12:00	[8] 6 2004 19:00
For.	LE LEVANT	Erik Cove	[8] 7 2004 18:00	[8] 8 2004 4:00
For.	LE LEVANT	Cape Dorset, NU	[8] 9 2004 12:00	[8] 9 2004 17:30
For.	LMZ TROODOS	Churchill, MB	[9] 17 2004 12:30	[9] 22 2004 23:24
Dom.	LOUIS S. ST-LAURENT	Resolute, NU	[10] 8 2004 12:00	[10] 8 2004 12:00
Dom.	LOUIS S. ST-LAURENT	Iqaluit, NU	[11] 12 2004 12:01	[11] 12 2004 12:03
Dom.	LOUIS S. ST-LAURENT	Resolute, NU	[7] 30 2004 1:00	[7] 30 2004 1:01
Dom.	LOUIS S. ST-LAURENT	Cambridge Bay, NU	[9] 3 2004 23:35	[9] 3 2004 12:00
For.	LYUBOV ORLOVA	Churchill, MB	[7] 31 2004 12:00	[7] 31 2004 18:10
For.	LYUBOV ORLOVA	Nain, NL	[8] 16 2004 9:40	[8] 16 2004 15:00
For.	LYUBOV ORLOVA	Cartwright, NL	[8] 17 2004 10:40	[8] 17 2004 15:01
For.	LYUBOV ORLOVA	Erik Cove	[8] 2 2004 16:50	[8] 2 2004 19:40
For.	LYUBOV ORLOVA	Fox Harbour	[8] 23 2004 10:04	[8] 23 2004 17:48
For.	LYUBOV ORLOVA	Akpatok Island	[8] 3 2004 20:14	[8] 3 2004 22:50
For.	LYUBOV ORLOVA	Pangnirtung, NU	[8] 5 2004 13:50	[8] 5 2004 21:00
For.	MAJESTIC	Churchill, MB	[8] 27 2004 1:27	[9] 2 2004 4:18
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[7] 17 2004 9:30	[7] 17 2004 15:25
Dom.	MATHILDA DESGAGNES	Iqaluit, NU	[7] 20 2004 11:45	[7] 22 2004 15:20
Dom.	MATHILDA DESGAGNES	Wakeham Bay, QC	[7] 23 2004 23:00	[7] 25 2004 6:00
Dom.	MATHILDA DESGAGNES	Resolution Island, NT	[7] 26 2004 10:45	[7] 26 2004 12:45

Dom.	MATHILDA DESGAGNES	Pangnirtung, NU	[7] 27 2004 21:15	[7] 28 2004 18:45
Dom.	MATHILDA DESGAGNES	Resolution Island, NT	[7] 30 2004 0:15	[7] 31 2004 0:45
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[8] 15 2004 20:30	[8] 19 2004 17:30
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[7] 31 2004 20:15	[8] 4 2004 20:25
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[9] 17 2004 12:30	[9] 19 2004 22:30
Dom.	MATHILDA DESGAGNES	Saglek Bay, NL	[8] 31 2004 8:00	[9] 7 2004 6:30
Dom.	MOKAMI	Churchill, MB	[10] 11 2004 2:00	[10] 13 2004 13:15
Dom.	MOKAMI	Rankin Inlet, NU	[10] 14 2004 15:30	[10] 17 2004 0:30
Dom.	MOKAMI	Churchill, MB	[10] 18 2004 15:15	[10] 20 2004 4:55
Dom.	MOKAMI	Chesterfield Inlet, NU	[10] 21 2004 7:40	[10] 21 2004 17:00
Dom.	MOKAMI	Coral Harbour, NU	[10] 22 2004 14:07	[10] 30 2004 21:30
Dom.	MOKAMI	Churchill, MB	[9] 30 2004 23:00	[10] 7 2004 0:05
Dom.	MOKAMI	Rankin Inlet, NU	[10] 7 2004 23:25	[10] 9 2004 22:30
Dom.	MOKAMI	Nain, NL	[11] 17 2004 0:12	[11] 18 2004 5:11
Dom.	MOKAMI	Sango Bay Harbour	[11] 18 2004 10:10	[11] 19 2004 1:52
Dom.	MOKAMI	Hopedale, NL	[11] 24 2004 23:16	[11] 25 2004 8:41
Dom.	MOKAMI	Postville, NL	[11] 25 2004 14:34	[11] 26 2004 1:36
Dom.	MOKAMI	Makkovik, NL	[11] 26 2004 5:47	[11] 26 2004 20:20
Dom.	MOKAMI	Cartwright, NL	[11] 27 2004 8:52	[11] 28 2004 7:06
Dom.	MOKAMI	Hall Beach, NU	[11] 1 2004 14:57	[11] 8 2004 8:30
Dom.	MOKAMI	Port Hope Simpson, NL	[12] 1 2004 17:52	[12] 2 2004 5:35
Dom.	MOKAMI	Fox Harbour	[12] 2 2004 8:49	[12] 2 2004 17:40
Dom.	MOKAMI	Mary's Harbour, NL	[12] 2 2004 18:45	[12] 3 2004 22:25
Dom.	MOKAMI	Cartwright, NL	[5] 23 2004 21:36	[5] 24 2004 14:57
Dom.	MOKAMI	Port Hope Simpson, NL	[5] 25 2004 1:57	[5] 25 2004 12:52
Dom.	MOKAMI	Nain, NL	[6] 10 2004 4:30	[6] 11 2004 14:04
Dom.	MOKAMI	Voisey Bay	[6] 21 2004 1:21	[6] 25 2004 16:00
Dom.	MOKAMI	Nain, NL	[6] 26 2004 1:00	[6] 26 2004 5:56
Dom.	MOKAMI	Saglek Bay, NL	[6] 26 2004 23:08	[6] 29 2004 22:07
Dom.	MOKAMI	Makkovik, NL	[6] 7 2004 23:40	[6] 8 2004 13:11
Dom.	MOKAMI	Hopedale, NL	Not reported	[6] 8 2004 23:50
Dom.	MOKAMI	Sango Bay Harbour	[6] 9 2004 8:00	[6] 9 2004 19:38
Dom.	MOKAMI	Churchill, MB	[7] 9 2004 10:15	[7] 11 2004 2:29
Dom.	MOKAMI	Whale Cove, NU	[7] 12 2004 1:46	[7] 12 2004 12:30
Dom.	MOKAMI	Eskimo Point, NU	[7] 12 2004 21:43	[7] 15 2004 8:45
Dom.	MOKAMI	Churchill, MB	[7] 16 2004 22:10	[7] 17 2004 3:04
Dom.	MOKAMI	Coral Harbour, NU	[7] 18 2004 19:50	[7] 19 2004 23:46
Dom.	MOKAMI	Rankin Inlet, NU	[7] 21 2004 0:14	[7] 24 2004 4:05
Dom.	MOKAMI	Churchill, MB	[7] 25 2004 3:17	[7] 26 2004 5:36
Dom.	MOKAMI	Chesterfield Inlet, NU	[7] 27 2004 7:50	[7] 28 2004 5:07
Dom.	MOKAMI	Lake Harbour, NU	[7] 2 2004 1:28	[7] 3 2004 1:34
Dom.	MOKAMI	Baker Lake, NU	[7] 29 2004 3:47	[7] 30 2004 7:36
Dom.	MOKAMI	Coral Harbour, NU	[7] 5 2004 14:00	[7] 5 2004 14:30
Dom.	MOKAMI	Whale Cove, NU	[7] 7 2004 6:20	[7] 8 2004 12:30
Dom.	MOKAMI	Rankin Inlet, NU	[8] 10 2004 14:00	[8] 11 2004 9:40
Dom.	MOKAMI	Baker Lake, NU	[8] 12 2004 15:55	[8] 13 2004 19:30
Dom.	MOKAMI	Churchill, MB	[8] 15 2004 13:30	[8] 16 2004 11:30
Dom.	MOKAMI	Chesterfield Inlet, NU	[8] 17 2004 14:10	[8] 18 2004 9:20
Dom.	MOKAMI	Churchill, MB	[8] 1 2004 1:02	[8] 2 2004 5:14
Dom.	MOKAMI	Baker Lake, NU	[8] 19 2004 9:32	[8] 20 2004 12:35
Dom.	MOKAMI	Churchill, MB	[8] 22 2004 4:15	[8] 23 2004 19:30
Dom.	MOKAMI	Belcher Islands, NU	[8] 25 2004 18:14	[8] 27 2004 20:00
Dom.	MOKAMI	Churchill, MB	[8] 29 2004 14:40	[8] 30 2004 21:00
Dom.	MOKAMI	Rankin Inlet, NU	[8] 3 2004 4:55	[8] 4 2004 7:06
Dom.	MOKAMI	Baker Lake, NU	[8] 5 2004 9:52	[8] 6 2004 13:34
Dom.	MOKAMI	Churchill, MB	[8] 8 2004 3:45	[8] 9 2004 14:30
Dom.	MOKAMI	Rankin Inlet, NU	[9] 9 2004 13:30	[9] 10 2004 4:15
Dom.	MOKAMI	Eskimo Point, NU	[9] 10 2004 17:20	[9] 11 2004 16:00
Dom.	MOKAMI	Churchill, MB	[9] 12 2004 5:51	[9] 13 2004 8:00
Dom.	MOKAMI	Rankin Inlet, NU	[9] 14 2004 9:14	[9] 16 2004 10:45

Dom.	MOKAMI	Churchill, MB	[9] 17 2004 12:05	[9] 18 2004 15:00
Dom.	MOKAMI	Rankin Inlet, NU	[9] 19 2004 14:15	[9] 20 2004 6:20
Dom.	MOKAMI	Eskimo Point, NU	[9] 21 2004 16:45	[9] 24 2004 3:30
Dom.	MOKAMI	Churchill, MB	[9] 24 2004 17:30	[9] 25 2004 20:15
Dom.	MOKAMI	Hall Beach, NU	[9] 3 2004 6:45	[9] 3 2004 22:00
Dom.	MOKAMI	Rankin Inlet, NU	[9] 26 2004 17:30	[9] 30 2004 0:00
Dom.	MOKAMI	Igloolik	[9] 4 2004 3:10	[9] 4 2004 13:30
Dom.	MOKAMI	Repulse Bay, NU	[9] 7 2004 16:05	[9] 8 2004 6:36
For.	MOUNT ATHOS	Churchill, MB	[9] 30 2004 23:30	[10] 7 2004 19:24
For.	MR. DOUG	Voisey Bay	[11] 24 2004 6:25	[11] 28 2004 22:58
For.	MR. DOUG	Makkovik, NL	[11] 30 2004 7:02	[12] 8 2004 13:04
For.	MR. DOUG	Goose Bay, NL	[6] 30 2004 22:45	[7] 1 2004 19:28
For.	MR. DOUG	Voisey Bay	[7] 26 2004 10:50	[7] 29 2004 2:54
For.	MR. DOUG	Anaktalik Bay Harbour	[7] 3 2004 21:10	[7] 8 2004 14:12
Dom.	NAHIDIK	Tuktoyaktuk Harbour	Not reported	[7] 21 2004 14:30
Dom.	NAHIDIK	Inuvik Harbour	Not reported	[7] 27 2004 14:00
For.	NASSAU PARADISE	Churchill, MB	[8] 10 2004 12:25	[8] 21 2004 18:30
Dom.	NELSON RIVER	Port Harrison, QC	Not reported	[8] 3 2004 12:46
Dom.	NELSON RIVER	Akulivik	[8] 4 2004 22:14	[8] 5 2004 19:35
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[10] 14 2004 13:04	[10] 17 2004 21:21
Dom.	NEWFOUNDLAND ALERT	Southern Labrador Bank	[10] 18 2004 16:48	[10] 22 2004 16:33
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[11] 21 2004 12:34	[11] 23 2004 15:40
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[11] 4 2004 3:23	[11] 6 2004 16:45
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[7] 20 2004 0:15	[7] 21 2004 8:15
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[9] 14 2004 15:55	[9] 16 2004 22:59
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	Not reported	[9] 24 2004 19:00
Dom.	NEWFOUNDLAND ALERT	Charlottetown Lab. Harb.	[9] 28 2004 1:00	[9] 29 2004 22:00
Dom.	NEWFOUNDLAND LYNX	Nain, NL	[11] 23 2004 20:10	[11] 23 2004 20:37
Dom.	NEWFOUNDLAND OTTER	Southern Labrador Bank	[11] 9 2004 23:40	[11] 9 2004 20:13
Dom.	NORTHERN EAGLE	Nain, NL	[11] 25 2004 1:15	[11] 25 2004 5:15
Dom.	NORTHERN EAGLE	Southern Labrador Bank	[2] 21 2004 19:55	[2] 21 2004 20:11
Dom.	NORTHERN OSPREY	Southern Labrador Bank	[10] 21 2004 18:23	[10] 23 2004 14:31
Dom.	NORTHERN RANGER	Nain, NL	[10] 11 2004 15:33	[10] 11 2004 18:33
Dom.	NORTHERN RANGER	Black Tickle	[10] 14 2004 22:25	[10] 14 2004 23:57
Dom.	NORTHERN RANGER	Nain, NL	[10] 18 2004 15:19	[10] 18 2004 18:04
Dom.	NORTHERN RANGER	Black Tickle	[10] 21 2004 21:35	[10] 21 2004 23:35
Dom.	NORTHERN RANGER	Nain, NL	[10] 25 2004 15:52	[10] 25 2004 18:35
Dom.	NORTHERN RANGER	Black Tickle	[10] 29 2004 1:15	[10] 29 2004 4:34
Dom.	NORTHERN RANGER	Nain, NL	[10] 4 2004 15:45	[10] 4 2004 18:11
Dom.	NORTHERN RANGER	Black Tickle	[10] 7 2004 23:00	[10] 8 2004 0:19
Dom.	NORTHERN RANGER	Nain, NL	[11] 1 2004 16:27	[11] 1 2004 19:34
Dom.	NORTHERN RANGER	Goose Bay, NL	[11] 11 2004 6:45	[11] 12 2004 4:00
Dom.	NORTHERN RANGER	Nain, NL	[11] 13 2004 20:40	[11] 13 2004 23:30
Dom.	NORTHERN RANGER	Black Tickle	[11] 17 2004 21:10	[11] 17 2004 22:05
Dom.	NORTHERN RANGER	Black Tickle	[11] 6 2004 0:10	[11] 6 2004 0:23
Dom.	NORTHERN RANGER	Nain, NL	[11] 9 2004 19:44	[11] 9 2004 22:00
Dom.	NORTHERN RANGER	Goose Bay, NL	[6] 10 2004 22:30	[6] 12 2004 15:53
Dom.	NORTHERN RANGER	Nain, NL	[6] 14 2004 16:33	[6] 14 2004 18:42
Dom.	NORTHERN RANGER	Black Tickle	[6] 17 2004 22:20	[6] 17 2004 23:15
Dom.	NORTHERN RANGER	Nain, NL	[6] 21 2004 15:50	[6] 21 2004 18:23
Dom.	NORTHERN RANGER	Black Tickle	[6] 24 2004 21:20	[6] 24 2004 23:50
Dom.	NORTHERN RANGER	Nain, NL	[6] 28 2004 15:48	[6] 28 2004 18:40
Dom.	NORTHERN RANGER	Black Tickle	[7] 1 2004 22:50	[7] 1 2004 23:04
Dom.	NORTHERN RANGER	Nain, NL	[8] 12 2004 15:24	[7] 12 2004 18:33
Dom.	NORTHERN RANGER	Black Tickle	[7] 15 2004 22:37	[7] 16 2004 1:36
Dom.	NORTHERN RANGER	Nain, NL	[7] 19 2004 15:44	[7] 19 2004 18:34
Dom.	NORTHERN RANGER	Black Tickle	[7] 22 2004 22:45	[7] 22 2004 23:35
Dom.	NORTHERN RANGER	Nain, NL	[7] 26 2004 16:00	[7] 26 2004 18:17
Dom.	NORTHERN RANGER	Black Tickle	[7] 29 2004 23:10	[7] 30 2004 2:48
Dom.	NORTHERN RANGER	Nain, NL	[7] 5 2004 15:30	[7] 5 2004 18:48

Dom.	NORTHERN RANGER	Black Tickle	[7] 8 2004 22:20	[7] 8 2004 23:41
Dom.	NORTHERN RANGER	Black Tickle	[8] 12 2004 22:44	[8] 12 2004 23:20
Dom.	NORTHERN RANGER	Nain, NL	[8] 16 2004 15:30	[8] 16 2004 18:30
Dom.	NORTHERN RANGER	Nain, NL	[8] 2 2004 15:52	[8] 2 2004 18:36
Dom.	NORTHERN RANGER	Black Tickle	[8] 19 2004 22:45	[8] 20 2004 0:52
Dom.	NORTHERN RANGER	Nain, NL	[8] 23 2004 16:00	[8] 23 2004 18:46
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Dom.	NORTHERN RANGER	Black Tickle	[8] 5 2004 22:00	[8] 5 2004 23:01
Dom.	NORTHERN RANGER	Nain, NL	[8] 9 2004 15:30	[8] 9 2004 18:30
Dom.	NORTHERN RANGER	Nain, NL	[9] 13 2004 16:13	[9] 13 2004 18:39
Dom.	NORTHERN RANGER	Black Tickle	[9] 16 2004 22:30	[9] 16 2004 23:31
Dom.	NORTHERN RANGER	Black Tickle	[9] 2 2004 22:29	[9] 2 2004 23:23
Dom.	NORTHERN RANGER	Nain, NL	[9] 20 2004 15:47	[9] 20 2004 18:35
Dom.	NORTHERN RANGER	Black Tickle	[9] 23 2004 22:30	[9] 23 2004 23:47
Dom.	NORTHERN RANGER	Nain, NL	[9] 27 2004 15:20	[9] 27 2004 17:37
Dom.	NORTHERN RANGER	Black Tickle	[9] 30 2004 22:30	[9] 30 2004 23:51
Dom.	NORTHERN RANGER	Nain, NL	[9] 6 2004 15:30	[9] 6 2004 18:33
Dom.	NORTHERN RANGER	Black Tickle	[9] 9 2004 22:24	[9] 9 2004 23:27
Dom.	NORTHERN TUGGER	Goose Bay, NL	[11] 16 2004 14:33	[11] 16 2004 20:54
Dom.	NORTHERN TUGGER	Postville, NL	[11] 18 2004 2:10	[11] 21 2004 9:21
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[11] 29 2004 10:30	[12] 1 2004 2:12
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[6] 29 2004 11:29	[7] 1 2004 8:10
Dom.	NORTHERN TUGGER	Port Hope Simpson, NL	[9] 7 2004 7:24	[9] 9 2004 0:09
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	Not reported	[7] 30 2004 8:16
Dom.	NUNAKPUT	Summers Harbour	[8] 10 2004 4:00	[8] 10 2004 5:25
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[8] 11 2004 21:07	[8] 15 2004 4:03
Dom.	NUNAKPUT	Cambridge Bay, NU	[8] 20 2004 12:14	[8] 24 2004 23:00
Dom.	NUNAKPUT	Johansen Bay	[8] 25 2004 21:00	[8] 25 2004 22:45
Dom.	NUNAKPUT	Wise Bay	[8] 27 2004 12:00	[8] 27 2004 12:30
Dom.	NUNAKPUT	Sachs Harbour	[8] 1 2004 18:00	[8] 4 2004 21:00
Dom.	NUNAKPUT	Holman, NT	[8] 6 2004 9:30	[8] 8 2004 22:45
Dom.	NUNAKPUT	Cambridge Bay, NU	[9] 10 2004 1:06	[9] 11 2004 14:28
Dom.	NUNAKPUT	Taloyoak/Spence Bay	[9] 14 2004 10:00	[9] 18 2004 5:00
Dom.	NUNAKPUT	Gjoa Haven	[9] 18 2004 21:45	[9] 18 2004 22:30
Dom.	NUNAKPUT	Johansen Bay	[9] 20 2004 20:30	[9] 20 2004 21:45
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[9] 24 2004 15:08	[9] 26 2004 0:09
Dom.	NUNAKPUT	Tuktoyaktuk Harbour	[8] 28 2004 19:49	[9] 3 2004 5:36
Dom.	NUNAKPUT	Holman, NT	[9] 6 2004 20:00	[9] 7 2004 4:00
Dom.	OCEAN FOXTROT	Goose Bay, NL	[10] 12 2004 16:48	[10] 18 2004 10:47
Dom.	OCEAN FOXTROT	Goose Bay, NL	[9] 29 2004 0:58	[10] 2 2004 10:57
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[10] 26 2004 12:59	[10] 31 2004 12:30
Dom.	OCEAN FOXTROT	Goose Bay, NL	[6] 16 2004 12:36	[6] 19 2004 18:58
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[5] 28 2004 6:35	[6] 2 2004 2:15
Dom.	OCEAN FOXTROT	Goose Bay, NL	[6] 28 2004 0:25	[7] 1 2004 21:38
Dom.	OCEAN FOXTROT	Goose Bay, NL	[7] 28 2004 9:50	[7] 31 2004 0:47
Dom.	OCEAN FOXTROT	Goose Bay, NL	[8] 17 2004 6:11	[8] 19 2004 22:47
Dom.	OCEAN FOXTROT	Port Hope Simpson, NL	[8] 28 2004 16:30	[9] 3 2004 11:37
Dom.	OLLIE J	Voisey Bay	[6] 25 2004 1:32	[7] 21 2004 17:22
Dom.	OLLIE J	Makkovik, NL	[7] 22 2004 8:35	[7] 22 2004 11:00
For.	ORIENTAL	Churchill, MB	[7] 28 2004 14:30	[8] 2 2004 3:00
For.	ORION	Cartwright, NL	[7] 28 2004 16:10	[7] 28 2004 19:00
For.	ORION	Nain, NL	[7] 29 2004 10:30	[7] 29 2004 14:40
For.	ORION	Pond Inlet, NU	[8] 9 2004 18:30	[8] 10 2004 0:30
For.	ORION	Dundas Harbour	[8] 10 2004 13:00	[8] 10 2004 16:00
For.	ORION	Pond Inlet, NU	[8] 17 2004 15:00	[8] 18 2004 0:00
For.	ORION	Dundas Harbour	[8] 18 2004 5:00	[8] 18 2004 8:30
For.	ORION	Clyde River	[8] 19 2004 10:30	[8] 19 2004 14:45
For.	ORION	Sondre Stromfjord	Not reported	[8] 21 2004 23:59
For.	ORION	Broughton Island, NU	[8] 25 2004 11:30	[8] 25 2004 17:00

For.	ORION	Monumental Island port	[8] 26 2004 17:00	[8] 26 2004 17:45
For.	ORION	Killinek	[8] 27 2004 10:00	[8] 27 2004 14:20
For.	PANAGIA	Nain, NL	[11] 19 2004 18:18	[11] 26 2004 16:57
Dom.	PETROLIA DESGAGNES	Aupaluk	[7] 21 2004 18:00	[7] 23 2004 22:20
Dom.	PETROLIA DESGAGNES	Tasiujaq, QC	[7] 24 2004 18:00	[7] 26 2004 5:25
Dom.	PETROLIA DESGAGNES	Fort Chimo, QC	[7] 26 2004 19:06	[7] 27 2004 3:00
Dom.	PETROLIA DESGAGNES	Kangirsuk, QC	[7] 27 2004 20:00	[7] 29 2004 22:29
Dom.	PETROLIA DESGAGNES	Akulivik	[8] 12 2004 23:36	[8] 13 2004 20:15
Dom.	PETROLIA DESGAGNES	Umiujak (Richmond Gulf)	[8] 14 2004 21:30	[8] 15 2004 17:00
Dom.	PETROLIA DESGAGNES	Puvirnituq	[8] 16 2004 17:00	[8] 17 2004 10:00
Dom.	PETROLIA DESGAGNES	Port Harrison, QC	[8] 17 2004 23:55	[8] 23 2004 14:25
Dom.	PETROLIA DESGAGNES	Hall Beach, NU	[8] 26 2004 16:48	[8] 28 2004 23:00
Dom.	PETROLIA DESGAGNES	Fort Chimo, QC	[9] 13 2004 13:48	[9] 16 2004 15:15
Dom.	PETROLIA DESGAGNES	Quaqtaq, QC	[9] 17 2004 13:06	[9] 21 2004 6:00
Dom.	PETROLIA DESGAGNES	Ivujivik, QC	[9] 23 2004 16:42	[9] 25 2004 1:54
Dom.	PETROLIA DESGAGNES	Salluit, QC	[9] 25 2004 12:42	[9] 28 2004 18:00
Dom.	PIERRE RADISSON	Iqaluit, NU	Not reported	[7] 22 2004 11:56
Dom.	PIERRE RADISSON	Great Whale River, QC	[9] 1 2004 19:59	[9] 1 2004 20:00
Dom.	PISURAYAK KOOTOOK	PIN DA1	[8] 9 2004 14:45	[8] 10 2004 5:30
Dom.	PISURAYAK KOOTOOK	Bernard Harbour/Pin CB	[8] 14 2004 14:45	[8] 16 2004 14:45
Dom.	PISURAYAK KOOTOOK	Cape Peel/Pin EB	[8] 17 2004 22:45	[8] 17 2004 22:45
Dom.	PISURAYAK KOOTOOK	Cambridge Bay, NU	[8] 18 2004 14:45	[8] 20 2004 6:37
Dom.	PISURAYAK KOOTOOK	Tuktoyaktuk Harbour	[8] 24 2004 15:45	[8] 26 2004 1:45
Dom.	PISURAYAK KOOTOOK	Tuktoyaktuk Harbour	Not reported	[8] 8 2004 23:16
Dom.	PISURAYAK KOOTOOK	Cambridge Bay, NU	[9] 9 2004 5:35	[9] 10 2004 6:00
Dom.	PISURAYAK KOOTOOK	Johansen Bay	[9] 11 2004 6:00	[9] 11 2004 15:00
Dom.	PISURAYAK KOOTOOK	Johansen Bay	[9] 16 2004 21:45	[9] 17 2004 4:46
Dom.	PISURAYAK KOOTOOK	Robert's Bay	[9] 17 2004 21:45	[9] 21 2004 21:45
Dom.	PISURAYAK KOOTOOK	Shepherd Bay / Cam 3	[9] 3 2004 12:01	[9] 4 2004 5:30
Dom.	POLAR PRINCE	Makkovik, NL	[7] 26 2004 9:00	[7] 26 2004 22:22
Dom.	POLAR PRINCE	Igloolik	[8] 3 2004 4:00	[8] 11 2004 10:00
For.	POLAR STAR	Saglek Bay, NL	[9] 14 2004 23:55	[9] 18 2004 10:00
For.	POLAR STAR	Mary's Harbour, NL	[9] 18 2004 16:35	[9] 18 2004 20:57
For.	POLAR STAR	Williams Harbour	[9] 26 2004 8:30	[9] 26 2004 14:30
For.	POLAR STAR	Fox Harbour	[9] 26 2004 16:30	[9] 26 2004 20:00
Dom.	SAINT ORAN	Voisey Bay	[10] 1 2004 12:39	[10] 2 2004 12:25
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Dom.	SAINT ORAN	Voisey Bay	[11] 11 2004 5:53	[11] 14 2004 7:02
Dom.	SAINT ORAN	Voisey Bay	[11] 26 2004 12:03	[11] 30 2004 13:55
Dom.	SAINT ORAN	Nain, NL	[11] 30 2004 17:04	[12] 1 2004 10:26
Dom.	SAINT ORAN	Voisey Bay	[12] 1 2004 14:17	[12] 4 2004 8:55
Dom.	SAINT ORAN	Fox Harbour	[12] 6 2004 5:25	[12] 7 2004 11:14
Dom.	SAINT ORAN	Hopedale, NL	[6] 16 2004 1:27	[6] 16 2004 19:58
Dom.	SAINT ORAN	Voisey Bay	[6] 27 2004 7:51	[7] 1 2004 14:55
Dom.	SAINT ORAN	Voisey Bay	[7] 11 2004 6:00	[7] 12 2004 0:40
Dom.	SAINT ORAN	Voisey Bay	[7] 20 2004 7:00	[7] 21 2004 10:36
Dom.	SAINT ORAN	Voisey Bay	[8] 11 2004 7:08	[8] 12 2004 6:01
Dom.	SAINT ORAN	Cartwright, NL	[8] 13 2004 14:00	[8] 13 2004 14:36
Dom.	SAINT ORAN	Voisey Bay	[8] 1 2004 11:25	[8] 2 2004 4:59
Dom.	SAINT ORAN	Voisey Bay	[8] 22 2004 9:15	[8] 23 2004 20:58
Dom.	SAINT ORAN	Voisey Bay	[9] 18 2004 19:00	[9] 21 2004 11:22
Dom.	SAINT ORAN	Voisey Bay	[9] 5 2004 10:47	[9] 6 2004 22:22
For.	SEA FRONT	Churchill, MB	[9] 4 2004 5:45	[9] 7 2004 5:20
For.	SEA MAESTRO	Churchill, MB	[9] 26 2004 19:06	[10] 1 2004 1:00
For.	SEA MAESTRO	Churchill, MB	Not reported	[10] 1 2004 1:30
For.	SEVEN SEAS NAVIGATOR	Goose Bay, NL	[8] 20 2004 9:49	[8] 20 2004 17:00
Dom.	SIBYL W	Mary's Harbour, NL	[10] 10 2004 1:36	[10] 10 2004 11:04
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Dom.	SIBYL W	Makkovik, NL	[10] 25 2004 3:20	[10] 25 2004 13:18
Dom.	SIBYL W	Cartwright, NL	[10] 26 2004 4:16	[10] 26 2004 11:23

Dom.	SIBYL W	Black Tickle	[10] 26 2004 17:30	[10] 27 2004 3:31
Dom.	SIBYL W	Charlottetown Lab.Harb.	[10] 9 2004 8:23	[10] 9 2004 20:42
Dom.	SIBYL W	Makkovik, NL	[11] 13 2004 3:40	[11] 14 2004 7:23
Dom.	SIBYL W	Postville, NL	[11] 14 2004 13:25	[11] 15 2004 18:35
Dom.	SIBYL W	Rigolet	Not reported	[11] 17 2004 14:50
Dom.	SIBYL W	Hopedale, NL	[11] 2 2004 21:40	[11] 3 2004 7:24
Dom.	SIBYL W	Sango Bay Harbour	[11] 3 2004 14:19	[11] 3 2004 21:56
Dom.	SIBYL W	Nain, NL	[11] 4 2004 4:00	[11] 4 2004 17:28
Dom.	SIBYL W	Voisey Bay	[11] 4 2004 23:10	[11] 5 2004 18:00
Dom.	SIBYL W	Cartwright, NL	[12] 1 2004 16:58	[12] 2 2004 10:39
Dom.	SIBYL W	Rigolet	[12] 2 2004 13:26	[12] 2 2004 16:41
Dom.	SIBYL W	Mary's Harbour, NL	[12] 3 2004 15:00	[12] 4 2004 7:51
Dom.	SIBYL W	Norman Bay Harbour	[12] 4 2004 13:13	[12] 4 2004 17:05
Dom.	SIBYL W	Charlottetown Lab. Harb.	[12] 4 2004 20:15	[12] 5 2004 9:47
Dom.	SIBYL W	Williams Harbour	[12] 5 2004 14:02	[12] 5 2004 21:41
Dom.	SIBYL W	Mary's Harbour, NL	[5] 29 2004 3:38	[5] 29 2004 7:09
Dom.	SIBYL W	Fox Harbour	[5] 29 2004 8:56	[5] 29 2004 12:52
Dom.	SIBYL W	Charlottetown Lab. Harb.	[5] 29 2004 18:03	[5] 31 2004 18:45
Dom.	SIBYL W	Charlottetown Lab. Harb.	[5] 31 2004 20:17	[6] 1 2004 7:10
Dom.	SIBYL W	Williams Harbour	[6] 14 2004 8:17	[6] 14 2004 17:23
Dom.	SIBYL W	Norman Bay Harbour	[6] 14 2004 17:24	[6] 14 2004 20:36
Dom.	SIBYL W	Black Tickle	[6] 14 2004 23:50	[6] 15 2004 13:07
Dom.	SIBYL W	Rigolet	[6] 16 2004 8:10	[6] 17 2004 6:37
Dom.	SIBYL W	Cartwright, NL	[6] 2 2004 1:23	[6] 2 2004 9:10
Dom.	SIBYL W	Fox Harbour	[6] 22 2004 2:30	[6] 22 2004 8:04
Dom.	SIBYL W	Makkovik, NL	[6] 23 2004 14:18	[6] 24 2004 13:04
Dom.	SIBYL W	Postville, NL	[6] 24 2004 17:50	[6] 25 2004 5:03
Dom.	SIBYL W	Sango Bay Harbour	[6] 25 2004 18:00	[6] 25 2004 21:43
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Dom.	SIBYL W	Fox Harbour	[6] 7 2004 7:30	[6] 7 2004 19:00
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Dom.	SIBYL W	Loks Land	[9] 6 2004 10:55	[9] 6 2004 18:25
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Dom.	SIR ROBERT BOND	Cartwright, NL	[8] 7 2004 14:40	[8] 7 2004 22:15
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Dom.	TRANS GULF	Nain, NL	[11] 4 2004 20:00	[11] 5 2004 11:46

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Dom.	UMIAVUT	Lake Harbour, NU	[7] 14 2004 16:30	[7] 15 2004 6:30
Dom.	UMIAVUT	Cape Dorset, NU	[7] 16 2004 3:15	[7] 17 2004 18:30
Dom.	UMIAVUT	Salluit, QC	[7] 18 2004 4:45	[7] 19 2004 2:45
Dom.	UMIAVUT	Ivujivik, QC	[7] 19 2004 10:22	[7] 19 2004 16:30
Dom.	UMIAVUT	Akulivik	[7] 20 2004 3:45	[7] 20 2004 16:30
Dom.	UMIAVUT	Puvirnituq	[7] 21 2004 8:43	[7] 22 2004 8:30
Dom.	UMIAVUT	Belcher Islands, NU	[7] 23 2004 10:45	[7] 25 2004 8:15
Dom.	UMIAVUT	Great Whale River, QC	[7] 25 2004 19:00	[7] 27 2004 2:35
Dom.	UMIAVUT	Umiujak (Richmond Gulf)	[7] 27 2004 8:45	[7] 27 2004 19:00
Dom.	UMIAVUT	Port Harrison, QC	[7] 28 2004 8:05	[7] 29 2004 1:50
Dom.	UMIAVUT	Rankin Inlet, NU	[7] 30 2004 19:00	[7] 31 2004 13:01
Dom.	UMIAVUT	Repulse Bay, NU	[8] 1 2004 12:01	[8] 1 2004 21:00
Dom.	UMIAVUT	Navisivik, NU	[8] 26 2004 0:00	[8] 27 2004 14:15
Dom.	UMIAVUT	Arctic Bay, NU	[8] 27 2004 17:40	[8] 29 2004 1:57
Dom.	UMIAVUT	Resolute, NU	[8] 29 2004 21:40	[8] 30 2004 11:15
Dom.	UMIAVUT	Coral Harbour, NU	[8] 3 2004 2:15	[8] 4 2004 2:15
Dom.	UMIAVUT	Grisefiord, NU	[8] 31 2004 19:40	[9] 1 2004 7:15
Dom.	UMIAVUT	Pond Inlet, NU	[9] 2 2004 4:45	[9] 4 2004 3:00
Dom.	UMIAVUT	Clyde River	[9] 5 2004 23:30	[9] 6 2004 0:30
Dom.	UMIAVUT	Broughton Island, NU	[9] 6 2004 20:40	[9] 7 2004 18:15
Dom.	YANKCANUCK	Voisey Bay	[10] 5 2004 9:30	[10] 11 2004 14:17
Dom.	YANKCANUCK	Voisey Bay	[10] 25 2004 14:20	[11] 1 2004 1:45
Dom.	YANKCANUCK	Voisey Bay	[11] 23 2004 21:47	[12] 12 2004 15:11
Dom.	YANKCANUCK	Voisey Bay	[6] 24 2004 15:30	[6] 28 2004 19:00
Dom.	YANKCANUCK	Voisey Bay	[7] 11 2004 18:20	[7] 15 2004 21:33
Dom.	YANKCANUCK	Voisey Bay	[7] 27 2004 13:15	[7] 31 2004 17:44
Dom.	YANKCANUCK	Voisey Bay	[8] 12 2004 5:40	[8] 14 2004 0:37
Dom.	YANKCANUCK	Voisey Bay	[8] 25 2004 15:00	[8] 27 2004 23:50
Dom.	YANKCANUCK	Voisey Bay	[9] 8 2004 16:44	[9] 19 2004 21:30

2005

Flag	Vessel name	Ported visited	Date, time arrival	Date, time departure
Dom.	MARIA DESGAGNES	Fort Chimo, QC	[7] 16 2005 22:12	[7] 28 2005 22:19
Dom.	MARIA DESGAGNES	Tasiujaq, QC	[7] 29 2005 19:18	[7] 31 2005 23:54
Dom.	MARIA DESGAGNES	Great Whale River, QC	[8] 21 2005 3:36	[8] 29 2005 4:30
Dom.	MARIA DESGAGNES	Kangirsuk, QC	[8] 1 2005 22:42	[8] 3 2005 15:54
Dom.	MARIA DESGAGNES	Akulivik	[8] 30 2005 11:48	[8] 31 2005 15:18
Dom.	MARIA DESGAGNES	Aupaluk	[8] 3 2005 23:12	[8] 5 2005 2:30
Dom.	MARIA DESGAGNES	Puvirnituq	[9] 1 2005 0:00	[9] 4 2005 9:48
Dom.	AIVIK	Iqaluit, NU	[7] 9 2005 15:30	[7] 12 2005 10:30
Dom.	AIVIK	Resolution Island, NT	[7] 13 2005 1:45	[7] 15 2005 9:50
Dom.	AIVIK	Fort Chimo, QC	[7] 16 2005 11:15	[7] 19 2005 12:21
Dom.	AIVIK	Wakeham Bay, QC	[7] 21 2005 1:50	[7] 23 2005 6:00
Dom.	AIVIK	Ivujivik, QC	[7] 23 2005 23:20	[7] 24 2005 9:05
Dom.	AIVIK	Akulivik	[7] 24 2005 22:00	[7] 25 2005 12:30
Dom.	AIVIK	Puvirnituq	[7] 25 2005 19:40	[7] 26 2005 18:00
Dom.	AIVIK	Port Harrison, QC	[7] 27 2005 7:30	[7] 29 2005 1:45
Dom.	AIVIK	Belcher Islands, NU	[7] 29 2005 18:55	[7] 30 2005 10:09
Dom.	AIVIK	Umiujak (Richmond Gulf)	[7] 30 2005 18:00	[7] 31 2005 3:06
Dom.	AIVIK	Great Whale River, QC	[7] 31 2005 11:25	[8] 2 2005 3:24
Dom.	AIVIK	Wakeham Bay, QC	[8] 23 2005 15:00	[8] 25 2005 20:30
Dom.	AIVIK	Iqaluit, NU	[8] 27 2005 23:50	[8] 30 2005 23:35
Dom.	AIVIK	Wakeham Bay, QC	[8] 4 2005 5:00	[8] 5 2005 7:40
Dom.	AIVIK	Fort Chimo, QC	[9] 1 2005 2:45	[9] 7 2005 15:50
For.	AKADEMIK IOFFE	Iqaluit, NU	[7] 21 2005 19:00	[7] 23 2005 0:00
For.	AKADEMIK IOFFE	Monumental Island port	[7] 23 2005 16:05	[7] 23 2005 19:50
For.	AKADEMIK IOFFE	Pangnirtung, NU	[7] 24 2005 16:06	[7] 24 2005 21:45
For.	AKADEMIK IOFFE	Cape Hay	[8] 1 2005 0:20	[8] 1 2005 3:25
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 1 2005 11:30	[8] 1 2005 16:05
For.	AKADEMIK IOFFE	Croker Bay	[8] 1 2005 19:45	[8] 1 2005 23:45
For.	AKADEMIK IOFFE	Radstock Bay	[8] 2 2005 13:55	[8] 2 2005 17:30
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 2 2005 20:00	[8] 2 2005 23:10
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 20 2005 16:00	[8] 20 2005 18:05
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 21 2005 11:35	[8] 21 2005 16:40
For.	AKADEMIK IOFFE	Croker Bay	[8] 21 2005 19:20	[8] 21 2005 23:20
For.	AKADEMIK IOFFE	Prince Leopold Island	[8] 22 2005 10:05	[8] 22 2005 12:20
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 22 2005 18:55	[8] 23 2005 4:00
For.	AKADEMIK IOFFE	Resolute, NU	[8] 23 2005 11:15	[8] 23 2005 21:30
For.	AKADEMIK IOFFE	Cunningham Inlet	[8] 24 2005 2:40	[8] 24 2005 16:00
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 24 2005 21:07	[8] 24 2005 23:50
For.	AKADEMIK IOFFE	Prince Leopold Island	[8] 26 2005 10:25	[8] 26 2005 12:30
For.	AKADEMIK IOFFE	Maxwell Bay	[8] 26 2005 17:45	[8] 26 2005 23:35
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 27 2005 12:50	[8] 27 2005 17:10
For.	AKADEMIK IOFFE	Croker Bay	[8] 27 2005 20:10	[8] 27 2005 23:45
For.	AKADEMIK IOFFE	Low Point	[8] 28 2005 10:45	[8] 28 2005 14:30
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 28 2005 19:30	[8] 29 2005 0:15
For.	AKADEMIK IOFFE	Scott Inlet	[8] 29 2005 13:40	[8] 29 2005 23:15
For.	AKADEMIK IOFFE	Clyde River	[8] 30 2005 11:05	[8] 30 2005 17:35
For.	AKADEMIK IOFFE	Resolute, NU	[8] 3 2005 7:45	[8] 4 2005 1:40
For.	AKADEMIK IOFFE	Griffin Inlet	[8] 4 2005 14:30	[8] 4 2005 17:00
For.	AKADEMIK IOFFE	Erebus Bay/Beechey Island	[8] 4 2005 20:13	[8] 4 2005 23:25
For.	AKADEMIK IOFFE	Dundas Harbour	[8] 5 2005 17:05	[8] 5 2005 22:40
For.	AKADEMIK IOFFE	Croker Bay	[8] 6 2005 1:05	[8] 6 2005 2:25
For.	AKADEMIK IOFFE	Low Point	[8] 6 2005 13:45	[8] 6 2005 16:35
For.	AKADEMIK IOFFE	Cape Graham Moore	[8] 7 2005 12:05	[8] 7 2005 15:25
For.	AKADEMIK IOFFE	Pond Inlet, NU	[8] 7 2005 19:40	[8] 7 2005 23:50
For.	AKADEMIK IOFFE	Scott Inlet	[8] 8 2005 17:20	[8] 8 2005 21:52
Dom.	ALGOSCOTIA	Goose Bay, NL	[7] 1 2005 9:54	[7] 1 2005 19:09
For.	AMAZON EXPRESS	Pangnirtung, NU	[8] 13 2005 18:00	[8] 19 2005 15:59

For.	AMAZON EXPRESS	Port Burwell	[8] 23 2005 14:00	[8] 24 2005 14:00
Dom.	ANN HARVEY	Goose Bay, NL	[6] 15 2005 14:30	[6] 23 2005 10:30
Dom.	ANN HARVEY	Goose Bay, NL	[7] 8 2005 22:42	[6] 23 2005 10:30
Dom.	ANNA DESGAGNES	Iqaluit, NU	[7] 6 2005 22:15	[7] 14 2005 7:15
Dom.	ANNA DESGAGNES	Wakeham Bay, QC	[7] 16 2005 3:15	[7] 16 2005 12:00
Dom.	ANNA DESGAGNES	Douglas Harbour QC	[7] 16 2005 17:45	[7] 18 2005 0:30
Dom.	ANNA DESGAGNES	Salluit, QC	[7] 18 2005 11:15	[7] 18 2005 23:05
Dom.	ANNA DESGAGNES	Douglas Harbour QC	[7] 19 2005 9:35	[7] 21 2005 3:15
Dom.	ANNA DESGAGNES	Lake Harbour, NU	[7] 21 2005 11:15	[7] 22 2005 1:30
Dom.	ANNA DESGAGNES	George River, QC	[7] 22 2005 20:45	[7] 24 2005 5:15
Dom.	ANNA DESGAGNES	Tasiujaq, QC	[7] 24 2005 15:15	[7] 25 2005 18:35
Dom.	ANNA DESGAGNES	Kangirsuk, QC	[7] 26 2005 4:15	[7] 27 2005 0:40
Dom.	ANNA DESGAGNES	Aupaluk	[7] 27 2005 10:15	[7] 27 2005 20:15
Dom.	ANNA DESGAGNES	Quaqtaq, QC	[7] 28 2005 6:00	[7] 28 2005 20:20
Dom.	ANNA DESGAGNES	Pangnirtung, NU	[7] 30 2005 7:50	[7] 30 2005 20:40
Dom.	ANNA DESGAGNES	Cape Dyer	[7] 31 2005 15:00	[8] 1 2005 19:25
Dom.	ANNA DESGAGNES	Iqaluit, NU	[8] 18 2005 22:25	[8] 23 2005 6:15
Dom.	ANNA DESGAGNES	Broughton Island, NU	[8] 24 2005 21:00	[8] 25 2005 8:30
Dom.	ANNA DESGAGNES	Cape Hooper	[8] 28 2005 22:25	[8] 29 2005 2:10
Dom.	ANNA DESGAGNES	Iqaluit, NU	[8] 3 2005 1:40	[8] 3 2005 2:40
Dom.	ANNA DESGAGNES	Pond Inlet, NU	[8] 30 2005 10:00	[8] 31 2005 16:15
Dom.	ANNA DESGAGNES	Resolute, NU	[9] 1 2005 19:00	[9] 2 2005 16:45
Dom.	ANNA DESGAGNES	Navisivik, NU	[9] 3 2005 13:15	[9] 4 2005 3:45
Dom.	ANNA DESGAGNES	Resolute, NU	[9] 4 2005 22:45	[9] 5 2005 5:40
Dom.	ANNA DESGAGNES	Arctic Bay, NU	[9] 6 2005 2:45	[9] 6 2005 19:50
Dom.	ANNE S. PIERCE	Churchill, MB	[7] 27 2005 20:55	[7] 28 2005 23:30
Dom.	ARCTIC	Deception Bay	[12] 30 2004 23:30	[1] 8 2005 3:36
Dom.	ARCTIC	Deception Bay	[2] 27 2005 22:48	[3] 9 2005 10:00
Dom.	ARCTIC	Deception Bay	[6] 15 2005 12:10	[6] 24 2005 21:30
Dom.	ARCTIC	Deception Bay	[8] 22 2005 21:50	[9] 1 2005 14:30
Dom.	ARCTIC ENDURANCE	Southern Labrador Bank	Not reported	[3] 11 2005 10:44
Dom.	ARCTIC ENDURANCE	Southern Labrador Bank	Not reported	[3] 30 2005 18:34
Dom.	ARCTIC ENDURANCE	Southern Labrador Bank	Not reported	[4] 16 2005 9:43
Dom.	ARCTIC ENDURANCE	Southern Labrador Bank	Not reported	[5] 22 2005 1:24
Dom.	ASTRON	Voisey Bay	[6] 19 2005 21:00	[6] 21 2005 23:44
Dom.	ASTRON	Voisey Bay	[6] 27 2005 23:45	[6] 29 2005 19:15
Dom.	ASTRON	Voisey Bay	[6] 30 2005 2:07	[7] 1 2005 3:36
Dom.	ASTRON	Voisey Bay	[7] 19 2005 15:53	[7] 22 2005 23:46
Dom.	ASTRON	Voisey Bay	[8] 11 2005 22:00	[8] 12 2005 22:01
Dom.	ASTRON	Cartwright, NL	[8] 13 2005 20:33	[8] 14 2005 2:30
Dom.	ASTRON	Voisey Bay	[8] 22 2005 11:45	[8] 26 2005 17:50
Dom.	ASTRON	Nain, NL	[8] 26 2005 23:25	[8] 27 2005 0:01
Dom.	ASTRON	Voisey Bay	[8] 2 2005 17:55	[8] 5 2005 3:11
Dom.	ASTRON	Voisey Bay	[9] 2 2005 0:00	[9] 3 2005 2:05
Dom.	ATLANTIC TEAK	Voisey Bay	[8] 9 2005 23:56	[8] 14 2005 9:37
Dom.	CAMILLA DESGAGNES	Iqaluit, NU	[7] 25 2005 23:59	[7] 26 2005 20:10
Dom.	CAMILLA DESGAGNES	Quaqtaq, QC	[7] 27 2005 16:50	[7] 27 2005 19:49
Dom.	CAMILLA DESGAGNES	Quaqtaq, QC	[7] 27 2005 19:50	[7] 29 2005 4:12
Dom.	CAMILLA DESGAGNES	Puvirnituq	[7] 30 2005 16:25	[7] 31 2005 0:15
Dom.	CAMILLA DESGAGNES	Eskimo Point, NU	[8] 1 2005 14:25	[8] 2 2005 1:15
Dom.	CAMILLA DESGAGNES	Whale Cove, NU	[8] 2 2005 8:15	[8] 2 2005 21:15
Dom.	CAMILLA DESGAGNES	Wakeham Bay, QC	[8] 24 2005 21:00	[8] 25 2005 20:00
Dom.	CAMILLA DESGAGNES	Hall Beach, NU	[8] 27 2005 15:55	[8] 28 2005 5:16
Dom.	CAMILLA DESGAGNES	Igloolik	[8] 28 2005 9:00	[8] 30 2005 22:30
Dom.	CAMILLA DESGAGNES	Rankin Inlet, NU	[8] 3 2005 4:15	[8] 4 2005 20:10
Dom.	CAMILLA DESGAGNES	Chesterfield Inlet, NU	[8] 5 2005 3:45	[8] 6 2005 11:40
Dom.	CAMILLA DESGAGNES	Coral Harbour, NU	[8] 7 2005 6:20	[8] 8 2005 14:25
Dom.	CAMILLA DESGAGNES	Wakeham Bay, QC	[8] 9 2005 17:57	[8] 9 2005 19:00
Dom.	CAMILLA DESGAGNES	Repulse Bay, NU	[9] 1 2005 7:15	[9] 2 2005 18:15
Dom.	CAMILLA DESGAGNES	Rankin Inlet, NU	[9] 3 2005 18:40	[9] 3 2005 22:30

Dom.	CAMILLA DESGAGNES	Eskimo Point, NU	[9] 4 2005 10:00	[9] 6 2005 10:00
Dom.	CECILIA DESGAGNES	Umiujak (Richmond Gulf)	[7] 10 2005 17:48	[7] 11 2005 17:30
Dom.	CECILIA DESGAGNES	Great Whale River, QC	[7] 12 2005 2:51	[7] 13 2005 0:45
Dom.	CECILIA DESGAGNES	Belcher Islands, NU	[7] 13 2005 17:00	[7] 14 2005 1:18
Dom.	CECILIA DESGAGNES	Port Harrison, QC	[7] 14 2005 21:30	[7] 15 2005 19:45
Dom.	CECILIA DESGAGNES	Puvirnituq	[7] 16 2005 12:12	[7] 17 2005 14:00
Dom.	CECILIA DESGAGNES	Cape Dorset, NU	[7] 18 2005 22:03	[7] 19 2005 3:45
Dom.	CECILIA DESGAGNES	Ivujivik, QC	[7] 19 2005 22:42	[7] 20 2005 4:33
Dom.	CECILIA DESGAGNES	Akulivik	[7] 20 2005 17:45	[7] 22 2005 15:27
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[7] 25 2005 18:36	[7] 29 2005 19:03
Dom.	CECILIA DESGAGNES	Killinek	[7] 30 2005 10:42	[7] 30 2005 20:09
Dom.	CECILIA DESGAGNES	Iqaluit, NU	[7] 31 2005 18:36	[7] 31 2005 22:12
Dom.	CECILIA DESGAGNES	Fort Chimo, QC	[8] 21 2005 16:33	[8] 23 2005 16:27
Dom.	CECILIA DESGAGNES	Aupaluk	[8] 24 2005 5:17	[8] 25 2005 3:15
Dom.	CECILIA DESGAGNES	Nain, NL	[8] 3 2005 14:52	[8] 3 2005 15:58
Dom.	CECILIA DESGAGNES	Hall Beach, NU	[8] 28 2005 13:06	[8] 31 2005 1:00
Dom.	CECILIA DESGAGNES	Cape Dorset, NU	[9] 1 2005 11:06	[9] 1 2005 16:27
Dom.	CECILIA DESGAGNES	Akulivik	[9] 2 2005 16:15	[9] 3 2005 4:15
Dom.	CECILIA DESGAGNES	Puvirnituq	[9] 3 2005 13:36	[9] 4 2005 10:58
For.	CLIPPER ADVENTURER	Pond Inlet, NU	[8] 30 2005 11:30	[8] 30 2005 23:30
For.	CLIPPER ADVENTURER	Milne Inlet	[8] 31 2005 12:00	[8] 31 2005 16:00
For.	CLIPPER ADVENTURER	Cape Graham Moore	[9] 1 2005 23:00	[9] 2 2005 1:45
For.	CLIPPER ADVENTURER	Clyde River	[9] 3 2005 12:00	[9] 4 2005 0:00
For.	CLIPPER ADVENTURER	Isabella Bay	[9] 4 2005 12:00	[9] 4 2005 21:29
For.	CLIPPER ADVENTURER	Broughton Island, NU	[9] 5 2005 12:15	[9] 5 2005 16:45
For.	CLIPPER ADVENTURER	Breevoort	[9] 6 2005 20:00	[9] 7 2005 9:00
For.	CLIPPER ADVENTURER	Butterfly Bay	[9] 7 2005 12:00	[9] 7 2005 16:00
Dom.	DES GROSEILLIERS	Killinek	[6] 26 2005 20:00	[6] 26 2005 20:00
Dom.	DES GROSEILLIERS	Resolute, NU	[8] 2 2005 15:59	[8] 2 2005 20:00
Dom.	DORSCH	Cape Dorset, NU	[7] 9 2005 10:07	[7] 10 2005 1:23
Dom.	DORSCH	Rankin Inlet, NU	[7] 12 2005 17:46	[7] 19 2005 21:00
Dom.	DORSCH	Eskimo Point, NU	[7] 20 2005 10:25	[7] 21 2005 1:00
Dom.	DORSCH	Eskimo Point, NU	[7] 21 2005 20:34	[7] 21 2005 1:30
Dom.	DORSCH	Baker Lake, NU	[7] 21 2005 20:34	[7] 21 2005 1:30
Dom.	DORSCH	Baker Lake, NU	Not reported	[7] 24 2005 5:45
Dom.	DORSCH	Baker Lake, NU	[7] 22 2005 12:00	[7] 24 2005 5:45
Dom.	DORSCH	Churchill, MB	[7] 26 2005 3:00	[7] 28 2005 16:30
Dom.	DORSCH	Whale Cove, NU	[7] 29 2005 13:30	[7] 30 2005 11:00
Dom.	DORSCH	Iqaluit, NU	[7] 6 2005 23:10	[7] 7 2005 10:01
Dom.	DORSCH	Churchill, MB	[8] 11 2005 2:20	[8] 13 2005 15:07
Dom.	DORSCH	Igloolik	[8] 16 2005 17:00	[8] 19 2005 22:30
Dom.	DORSCH	Hall Beach, NU	[8] 20 2005 4:00	[8] 23 2005 6:15
Dom.	DORSCH	Rankin Inlet, NU	[7] 30 2005 18:45	[8] 3 2005 1:25
Dom.	DORSCH	Chesterfield Inlet, NU	[8] 3 2005 9:20	[8] 5 2005 14:20
Dom.	DORSCH	Baker Lake, NU	[8] 6 2005 22:00	[8] 9 2005 1:18
Dom.	EASTERN TUGGER	Makkovik, NL	[7] 7 2005 23:00	[7] 11 2005 22:28
Dom.	EASTERN TUGGER	Nain, NL	[7] 13 2005 1:30	[7] 13 2005 17:28
Dom.	EASTERN TUGGER	Okak Harbour	[7] 14 2005 23:00	[7] 20 2005 11:25
Dom.	EASTERN TUGGER	Nain, NL	[7] 20 2005 18:17	[7] 20 2005 22:57
Dom.	EASTERN TUGGER	Fox Harbour	[7] 24 2005 5:45	[7] 28 2005 7:56
Dom.	EDGAR KOTOKAK	Tuktoyaktuk Harbour	Not reported	[8] 28 2005 6:00
For.	EXPLORER	Kekerten Island	[8] 1 2005 11:42	[8] 1 2005 15:24
For.	EXPLORER	Pritzler Harbour	[8] 9 2005 22:54	[8] 10 2005 4:00
For.	EXPLORER	Monumental Island port	[8] 10 2005 19:54	[8] 10 2005 21:12
For.	EXPLORER	Pangnirtung, NU	[8] 11 2005 15:54	[8] 12 2005 0:54
For.	EXPLORER	Cape Mercy	[8] 12 2005 11:24	[8] 12 2005 15:48
For.	EXPLORER	Pangnirtung, NU	[8] 1 2005 18:00	[8] 2 2005 23:00
For.	EXPLORER	Buchan Gulf	[8] 22 2005 0:42	[8] 22 2005 19:00
For.	EXPLORER	Pond Inlet, NU	[8] 23 2005 11:18	[8] 23 2005 18:54
For.	EXPLORER	Cape Graham Moore	[8] 23 2005 23:00	[8] 23 2005 23:15

For.	EXPLORER	Dundas Harbour	[8] 24 2005 11:48	[8] 24 2005 16:36
For.	EXPLORER	Croker Bay	[8] 24 2005 19:30	[8] 25 2005 4:00
For.	EXPLORER	Prince Leopold Island	[8] 26 2005 19:00	[8] 26 2005 22:30
For.	EXPLORER	Erebus Bay/Beechey Island	[8] 27 2005 17:06	[8] 27 2005 20:48
For.	EXPLORER	Cape Mercy	[8] 3 2005 11:00	[8] 3 2005 17:10
For.	EXPLORER	Resolute, NU	[8] 28 2005 0:55	[8] 30 2005 6:00
For.	EXPLORER	Erebus Bay/Beechey Island	[8] 30 2005 12:30	[8] 30 2005 15:48
For.	EXPLORER	Prince Leopold Island	[8] 30 2005 20:30	[8] 31 2005 0:24
For.	EXPLORER	Dundas Harbour	[8] 31 2005 12:24	[8] 31 2005 16:42
For.	EXPLORER	Monumental Island port	[8] 4 2005 13:12	[8] 4 2005 17:00
For.	EXPLORER	Iqaluit, NU	[8] 5 2005 8:00	[8] 6 2005 0:30
For.	EXPLORER	Lake Harbour, NU	[8] 6 2005 22:24	[8] 7 2005 2:12
For.	EXPLORER	Cape Dorset, NU	[8] 7 2005 20:00	[8] 8 2005 2:30
For.	EXPLORER	Ivujivik, QC	[8] 8 2005 13:12	[8] 8 2005 21:42
For.	EXPLORER	Grisefiord, NU	[9] 1 2005 11:00	[9] 1 2005 17:00
For.	EXPLORER	Thule/Qanaq	Not reported	[9] 3 2005 20:54
For.	FEDERAL POLARIS	Churchill, MB	[7] 28 2005 6:00	[7] 31 2005 8:30
For.	GREAT CREATION	Churchill, MB	[8] 11 2005 19:06	[8] 17 2005 22:06
Dom.	HENRY LARSEN	Pangnirtung, NU	Not reported	[8] 25 2005 12:00
Dom.	HUDSON BAY EXPLORER	Goose Bay, NL	[6] 8 2005 23:35	[6] 11 2005 17:15
Dom.	HUDSON BAY EXPLORER	Iqaluit, NU	[7] 15 2005 19:05	[7] 16 2005 18:06
Dom.	INUKSUK I	Southern Labrador Bank	Not reported	[3] 6 2005 0:39
Dom.	JOCK MCNIVEN	Herschel Island	[8] 7 2005 5:30	[8] 12 2005 18:00
For.	KAPITAN KHLEBNIKOV	Herschel Island	[7] 27 2005 0:01	[7] 27 2005 7:45
For.	KAPITAN KHLEBNIKOV	Holman, NT	[7] 28 2005 16:00	[7] 28 2005 20:15
For.	KAPITAN KHLEBNIKOV	Johansen Bay	[7] 29 2005 16:00	[7] 29 2005 23:45
For.	KAPITAN KHLEBNIKOV	Cambridge Bay, NU	[7] 30 2005 14:45	[7] 30 2005 20:30
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Dom.	TRANS GULF	Cartwright, NL	[7] 7 2005 22:31	[7] 12 2005 1:52
Dom.	TRANS GULF	Nain, NL	[7] 15 2005 2:00	[7] 16 2005 9:29
Dom.	TRANS GULF	Cartwright, NL	[7] 18 2005 2:30	[7] 19 2005 18:29
Dom.	TRANS GULF	Nain, NL	[7] 22 2005 6:45	[7] 22 2005 9:20
Dom.	TRANS GULF	Cartwright, NL	[7] 23 2005 10:18	[7] 24 2005 18:04
Dom.	TRANS GULF	Black Tickle	[7] 25 2005 1:10	[7] 25 2005 15:48
Dom.	TRANS GULF	Cartwright, NL	[7] 25 2005 22:20	[7] 26 2005 9:00
Dom.	TRANS GULF	Nain, NL	[7] 28 2005 12:20	[7] 28 2005 16:42
Dom.	TRANS GULF	Cartwright, NL	[7] 2 2005 12:20	[7] 3 2005 19:07
Dom.	TRANS GULF	Black Tickle	[7] 4 2005 0:15	[7] 4 2005 2:40
Dom.	TRANS GULF	Cartwright, NL	[7] 4 2005 8:14	[7] 5 2005 1:06
Dom.	TRANS GULF	Nain, NL	[7] 7 2005 23:58	[7] 7 2005 0:51
Dom.	TRANS GULF	Cartwright, NL	[7] 30 2005 3:35	[8] 1 2005 8:15
Dom.	TRANS GULF	Black Tickle	[8] 1 2005 14:10	[8] 1 2005 16:08
Dom.	TRANS GULF	Nain, NL	[8] 11 2005 19:09	[8] 12 2005 1:23
Dom.	TRANS GULF	Cartwright, NL	[8] 13 2005 4:00	[8] 15 2005 2:54
Dom.	TRANS GULF	Black Tickle	[8] 15 2005 9:30	[8] 15 2005 14:51
Dom.	TRANS GULF	Cartwright, NL	[8] 16 2005 0:30	[8] 16 2005 4:44
Dom.	TRANS GULF	Nain, NL	[8] 18 2005 18:48	[8] 19 2005 1:10
Dom.	TRANS GULF	Cartwright, NL	[8] 1 2005 23:20	[8] 2 2005 3:12
Dom.	TRANS GULF	Cartwright, NL	[8] 20 2005 18:06	[8] 21 2005 3:08
Dom.	TRANS GULF	Cartwright, NL	[8] 25 2005 0:25	[8] 25 2005 6:10
Dom.	TRANS GULF	Nain, NL	[8] 28 2005 6:23	[8] 28 2005 11:41
Dom.	TRANS GULF	Cartwright, NL	[8] 30 2005 10:05	[8] 31 2005 2:57
Dom.	TRANS GULF	Black Tickle	[8] 31 2005 9:08	[8] 31 2005 10:45
Dom.	TRANS GULF	Nain, NL	[8] 4 2005 8:07	[8] 4 2005 12:06
Dom.	TRANS GULF	Cartwright, NL	[8] 5 2005 16:00	[8] 8 2005 2:59
Dom.	TRANS GULF	Black Tickle	[8] 8 2005 10:30	[8] 8 2005 15:12
Dom.	TRANS GULF	Cartwright, NL	[8] 8 2005 22:23	[8] 9 2005 9:01
Dom.	TRANS GULF	Cartwright, NL	[8] 31 2005 16:20	[9] 1 2005 4:32
Dom.	TRANS GULF	Nain, NL	[9] 3 2005 22:50	[9] 4 2005 5:07
Dom.	TRANS GULF	Cartwright, NL	[9] 5 2005 12:00	[9] 6 2005 19:44
Dom.	TUVAQ	Goose Bay, NL	[5] 31 2005 13:38	[6] 1 2005 7:17
Dom.	TUVAQ	Voisey Bay	[6] 11 2005 23:32	[6] 16 2005 0:02
Dom.	TUVAQ	Iqaluit, NU	[6] 29 2005 2:40	[6] 30 2005 7:02
Dom.	TUVAQ	Iqaluit, NU	[7] 11 2005 15:30	[7] 15 2005 20:15
Dom.	TUVAQ	Pangnirtung, NU	[7] 27 2005 1:30	[7] 30 2005 7:30
Dom.	TUVAQ	Navisivik, NU	[8] 16 2005 9:30	[8] 17 2005 7:45

Dom.	TUVAQ	Iqaluit, NU	[7] 31 2005 15:17	[8] 2 2005 11:11
Dom.	TUVAQ	Pond Inlet, NU	[8] 17 2005 20:45	[8] 20 2005 21:20
Dom.	TUVAQ	Clyde River	[8] 21 2005 14:00	[8] 23 2005 1:15
Dom.	TUVAQ	Pangnirtung, NU	[8] 24 2005 13:00	[8] 24 2005 20:25
Dom.	UMIAVUT	Deception Bay	[7] 10 2005 23:00	[7] 14 2005 14:30
Dom.	UMIAVUT	Salluit, QC	[7] 14 2005 19:30	[7] 15 2005 23:30
Dom.	UMIAVUT	Cape Dorset, NU	[7] 16 2005 16:00	[7] 20 2005 17:45
Dom.	UMIAVUT	Lake Harbour, NU	[7] 21 2005 12:52	[7] 22 2005 1:00
Dom.	UMIAVUT	Kangirsuk, QC	[7] 22 2005 23:45	[7] 23 2005 15:15
Dom.	UMIAVUT	George River, QC	[7] 24 2005 2:45	[7] 26 2005 19:40
Dom.	UMIAVUT	Aupaluk	[7] 27 2005 10:00	[7] 27 2005 19:30
Dom.	UMIAVUT	Tasiujaq, QC	[7] 28 2005 4:15	[7] 29 2005 10:00
Dom.	UMIAVUT	Iqaluit, NU	[7] 3 2005 3:45	[7] 8 2005 16:22
Dom.	UMIAVUT	Thule Air Base	[8] 3 2005 17:59	[8] 3 2005 2:00
Dom.	UMIAVUT	Navisivik, NU	[8] 29 2005 1:15	[8] 30 2005 14:30
Dom.	UMIAVUT	Arctic Bay, NU	[8] 30 2005 18:00	[8] 31 2005 15:30
Dom.	UMIAVUT	Pangnirtung, NU	[8] 6 2005 14:30	[8] 8 2005 0:15
Dom.	UMIAVUT	Resolute, NU	[9] 1 2005 11:15	[9] 1 2005 23:45
Dom.	UMIAVUT	Grisefiord, NU	[9] 3 2005 13:00	[9] 3 2005 23:30
Dom.	UMIAVUT	Pond Inlet, NU	[9] 5 2005 4:15	[9] 6 2005 10:50
For.	VLADIMIR IGNATYUK	Resolute, NU	[8] 17 2005 12:38	[8] 17 2005 16:00
For.	VLADIMIR IGNATYUK	Herschel Island	[8] 22 2005 22:45	[8] 24 2005 17:10

Appendix 5

Air temperatures at 38 locations across Canada reported on an annual basis and moving 7 year average, except Winnipeg, MB. Locations are listed aphabetically by province or territory, and by location. Information was not available (NA) for some years.

Average annual air temperatures (°C) at Winnipeg, MB between 1939 and 2006 reported on an annual basis, and 3, 5, 7, and 9 year moving averages.

Year	Annual	3 Yr	5 Yr	7 Yr	9 Yr	Year	Annual	3 Yr	5 Yr	7 Yr	9 Yr
1939	2.7					1973	3.1	1.8	1.9	1.9	2.0
1940	3.4	3.1	3.1			1974	1.5	2.3	2.0	2.1	2.0
1941	3.3	3.2	2.9	2.9		1975	2.3	2.0	2.4	2.1	1.9
1942	2.9	2.8	3.0	2.8		1976	2.3	2.6	2.2	2.1	2.0
1943	2.1	2.7	2.7	2.8	2.8	1977	3.2	2.3	2.0	2.0	2.4
1944	3.2	2.4	2.5	2.6	2.7	1978	1.5	1.8	2.1	2.4	2.3
1945	1.9	2.6	2.4	2.5	2.6	1979	0.7	1.6	2.5	2.4	2.5
1946	2.6	2.2	2.5	2.4	2.2	1980	2.6	2.6	2.2	2.5	2.6
1947	2.2	2.5	2.3	2.1	2.0	1981	4.4	3.0	2.6	2.6	2.5
1948	2.6	2.4	2.4	1.8	2.2	1982	1.9	3.3	3.1	2.5	2.5
1949	2.3	1.6	1.7	2.1	2.3	1983	3.5	2.9	2.9	2.9	2.9
1950	-0.1	1.2	2.0	2.3	2.3	1984	3.3	2.7	2.6	3.3	3.3
1951	1.3	1.7	2.2	2.3	2.3	1985	1.4	2.6	3.4	3.2	3.2
1952	4.0	3.0	2.3	2.3	2.3	1986	3.1	3.3	3.4	3.2	3.0
1953	3.6	3.4	2.8	2.2	2.3	1987	5.5	4.1	3.1	3.1	3.2
1954	2.7	2.8	2.9	2.7	2.4	1988	3.7	3.7	3.5	3.2	3.1
1955	2.2	2.8	2.7	3.0	2.7	1989	1.8	2.9	3.5	3.3	3.0
1956	2.0	2.4	2.6	2.7	2.8	1990	3.2	2.8	3.0	3.2	3.2
1957	2.9	2.7	2.5	2.6	2.8	1991	3.5	3.1	2.6	2.8	3.0
1958	3.3	2.8	2.6	2.7	2.6	1992	2.6	2.7	2.9	2.6	2.4
1959	2.2	2.7	2.9	2.7	2.7	1993	2.1	2.5	2.6	2.3	2.3
1960	2.7	2.7	2.7	2.9	2.7	1994	2.9	2.3	1.9	2.2	2.6
1961	3.3	2.7	2.8	2.8	2.6	1995	2.0	1.7	1.9	2.4	2.7
1962	2.2	3.0	2.8	2.4	2.3	1996	0.1	1.5	2.4	2.6	2.6
1963	3.6	2.6	2.4	2.2	2.1	1997	2.3	2.3	2.7	2.7	2.8
1964	2.1	2.2	1.9	2.0	2.1	1998	4.6	3.7	2.8	2.8	2.8
1965	0.9	1.2	1.8	1.9	2.0	1999	4.3	3.9	3.5	2.9	2.8
1966	0.7	1.0	1.5	1.8	1.8	2000	2.7	3.6	3.6	3.3	2.8
1967	1.5	1.4	1.4	1.5	1.8	2001	3.8	3.0	3.2	3.3	3.2
1968	2.1	1.8	1.5	1.5	1.5	2002	2.5	3.1	2.8	3.1	3.1
1969	1.9	1.8	1.7	1.4	1.6	2003	2.9	2.5	2.9	2.7	2.9
1970	1.4	1.7	1.6	1.8	1.6	2004	2.0	2.8	2.5	2.7	
1971	1.8	1.3	1.8	1.8	1.8	2005	3.5	2.4			
1972	0.7	1.9	1.7	1.8	1.9	2006	1.6				

Alberta

Calgary, AB. Air temperatures (°C) between 1885 and 2006 reported annually and moving 7 year average.

	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1885	4.3		1926	5.1	4.2	1967	3.5	2.9
1886	3.4		1927	2.1	4.1	1968	3.1	2.9
1887	1.3	3.2	1928	5.3	4.3	1969	2.4	2.8
1888	2.7	3.3	1929	3.7	4.2	1970	3.1	3.0
1889	4.8	3.2	1930	4.6	3.9	1971	3.2	3.1
1890	2.8	3.1	1931	5.4	4.4	1972	2.0	3.0
1891	3.8	3.6	1932	3.1	4.0	1973	3.5	3.4
1892	3.4	3.6	1933	3.0	3.9	1974	4.1	3.5
1893	NA	3.2	1934	5.4	3.6	1975	2.8	3.5
1894	3.8	3.2	1935	2.9	3.5	1976	5.1	3.6
1895	2.9	3.1	1936	3.0	3.7	1977	4.0	3.7
1896	2.2	2.7	1937	2.7	3.8	1978	2.7	4.0
1897	2.8	2.9	1938	4.6	3.7	1979	3.2	3.9
1898	3.2	2.9	1939	4.3	3.9	1980	4.0	3.8
1899	1.5	2.9	1940	3.7	4.1	1981	5.9	3.8
1900	3.6	3.0	1941	4.8	4.4	1982	2.3	4.0
1901	4.0	3.0	1942	3.9	4.1	1983	4.3	4.3
1902	2.7	3.1	1943	4.4	4.1	1984	4.2	4.6
1903	3.1	3.5	1944	4.9	4.1	1985	3.8	4.6
1904	2.8	3.3	1945	2.8	3.8	1986	5.3	4.8
1905	4.0	3.4	1946	4.1	3.7	1987	6.7	4.9
1906	4.1	3.4	1947	3.7	3.3	1988	5.6	5.0
1907	2.6	3.6	1948	2.9	2.8	1989	3.9	5.1
1908	4.7	3.5	1949	3.3	2.9	1990	4.5	5.0
1909	2.3	3.5	1950	1.3	3.0	1991	5.0	4.6
1910	4.7	3.6	1951	1.2	2.8	1992	5.0	4.3
1911	2.0	3.9	1952	3.9	2.6	1993	4.1	4.0
1912	4.2	4.0	1953	4.4	2.6	1994	4.3	4.0
1913	4.5	4.1	1954	2.9	2.9	1995	3.4	3.9
1914	4.8	3.9	1955	1.5	3.3	1996	1.7	3.9
1915	5.4	4.4	1956	2.9	3.3	1997	4.3	3.9
1916	3.0	4.4	1957	3.4	3.2	1998	4.6	4.0
1917	3.4	4.3	1958	4.4	3.5	1999	5.1	4.0
1918	5.4	4.2	1959	3.3	3.9	2000	3.7	4.4
1919	4.1	4.0	1960	4.1	4.2	2001	4.9	4.5
1920	3.9	4.3	1961	4.6	4.2	2002	3.9	4.5
1921	4.3	4.4	1962	4.4	3.9	2003	4.2	4.5
1922	3.9	4.2	1963	4.9	3.8	2004	5.0	4.7
1923	4.9	4.3	1964	3.6	3.7	2005	4.9	
1924	4.0	4.1	1965	2.3	3.5	2006	5.2	
1925	4.2	4.2	1966	2.5	3.2			

Edmonton, AB. Air temperatures (°C) between 1861 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1961	3.0		1977	2.5	2.0	1993	2.8	2.4
1962	2.5		1978	1.9	2.4	1994	2.2	2.4

1963	3.4	1.9	1979	1.7	2.3	1995	1.7	2.4
1964	1.8	1.8	1980	2.2	2.2	1996	0.1	2.3
1965	0.5	1.6	1981	4.5	2.2	1997	3.4	2.2
1966	0.2	1.3	1982	0.3	2.3	1998	3.2	2.3
1967	1.1	0.9	1983	2.3	2.5	1999	2.8	2.3
1968	1.8	0.8	1984	2.6	2.9	2000	1.8	2.6
1969	0.5	0.8	1985	2.3	2.9	2001	3.3	2.4
1970	0.7	1.0	1986	3.5	3.2	2002	1.8	2.4
1971	1.1	1.1	1987	4.9	3.3	2003	1.7	2.5
1972	0.3	0.9	1988	4.2	3.4	2004	2.4	2.6
1973	1.5	1.3	1989	2.4	3.6	2005	3.1	
1974	1.5	1.6	1990	3.0	3.5	2006	3.3	
1975	0.9	1.6	1991	3.6	3.1			
1976	3.2	1.9	1992	3.3	2.7			

British Columbia

Kamloops, BC. Air temperatures (°C) between 1951 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1951	7.1		1970	8.1	8.3	1989	8.8	9.4
1952	8.3		1971	8.0	8.2	1990	9.0	9.3
1953	9.5	7.8	1972	7.2	8.2	1991	9.2	9.2
1954	7.9	7.7	1973	9.0	8.3	1992	10.0	9.2
1955	6.5	8.2	1974	9.4	8.4	1993	8.0	9.0
1956	7.3	8.1	1975	7.7	8.4	1994	10.0	9.0
1957	7.4	8.0	1976	8.7	8.3	1995	9.4	9.2
1958	10.3	8.2	1977	8.7	8.5	1996	7.3	9.1
1959	8.0	8.5	1978	8.1	8.6	1997	9.4	9.2
1960	8.7	8.7	1979	8.3	8.7	1998	10.4	9.1
1961	9.4	8.8	1980	8.9	8.7	1999	9.4	9.1
1962	8.3	8.5	1981	9.8	8.7	2000	8.6	9.5
1963	9.1	8.6	1982	8.1	8.6	2001	9.4	9.6
1964	7.7	8.7	1983	9.3	8.7	2002	9.0	9.5
1965	8.2	8.5	1984	8.2	8.9	2003	10.1	9.6
1966	8.6	8.5	1985	7.5	8.9	2004	10.2	9.8
1967	9.6	8.3	1986	9.1	9.0	2005	9.6	
1968	8.3	8.4	1987	10.6	8.9	2006	10.2	
1969	7.7	8.2	1988	9.4	9.1			

Vancouver, BC. Air temperatures (°C) between 1937 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1937	9.0		1961	10.6	10.2	1985	8.9	10.1
1938	9.6		1962	10.2	9.9	1986	10.4	10.2
1939	10.1	10.1	1963	10.2	9.9	1987	11.0	10.1
1940	10.9	10.0	1964	9.0	10.0	1988	10.5	10.2
1941	10.8	10.2	1965	9.6	9.9	1989	10.2	10.5
1942	10.3	10.3	1966	9.8	9.8	1990	10.2	10.5
1943	9.6	10.2	1967	10.4	9.7	1991	10.2	10.4
1944	10.3	10.1	1968	9.9	9.7	1992	11.0	10.5
1945	9.9	9.8	1969	9.5	9.6	1993	10.1	10.4

1946	9.7	9.7	1970	9.4	9.6	1994	10.8	10.5
1947	10.0	9.6	1971	9.0	9.5	1995	11.0	10.7
1948	9.1	9.5	1972	9.1	9.4	1996	9.8	10.6
1949	9.1	9.4	1973	9.6	9.4	1997	10.8	10.6
1950	9.0	9.6	1974	9.9	9.4	1998	11.3	10.5
1951	9.4	9.5	1975	9.1	9.6	1999	10.2	10.4
1952	9.8	9.4	1976	9.6	9.7	2000	10.1	10.5
1953	10.6	9.5	1977	9.8	9.7	2001	10.2	10.6
1954	9.4	9.6	1978	10.0	9.8	2002	10.3	10.6
1955	8.6	9.9	1979	10.0	9.9	2003	10.9	10.2
1956	9.6	9.9	1980	9.8	10.0	2004	11.5	10.2
1957	9.9	9.9	1981	10.4	10.0	2005	10.8	
1958	11.5	10.0	1982	9.6	9.8	2006	7.5	
1959	9.9	10.3	1983	10.4	9.9			
1960	10.1	10.3	1984	9.8	10.1			

Manitoba

Churchill, MB. Air temperatures (°C) between 1947 and 2006 reported annually and moving 7 year average.

Year	Average	7 Yr	Year	Average	7 Yr	Year	Average	7 Yr
1947	-6.8		1967	-7.2	-7.3	1987	-5.4	-7.0
1948	-6.2		1968	-6.7	-7.1	1988	-7.3	-7.1
1949	-7.9	-7.3	1969	-6.6	-7.4	1989	-8.0	-7.3
1950	-9.1	-7.2	1970	-7.5	-7.2	1990	-7.5	-7.2
1951	-7.4	-7.1	1971	-6.3	-7.4	1991	-7.1	-7.4
1952	-6.3	-7.2	1972	-9.8	-7.4	1992	-8.2	-7.4
1953	-6.4	-7.2	1973	-6.2	-7.4	1993	-7.2	-7.3
1954	-6.5	-6.9	1974	-8.6	-7.1	1994	-6.7	-7.2
1955	-6.7	-6.9	1975	-6.8	-7.3	1995	-7.0	-6.8
1956	-7.7	-7.1	1976	-6.9	-7.0	1996	-7.4	-6.2
1957	-7.6	-7.2	1977	-5.1	-7.1	1997	-6.6	-6.0
1958	-6.9	-7.3	1978	-7.7	-6.6	1998	-4.5	-5.7
1959	-7.7	-7.5	1979	-8.0	-6.9	1999	-3.9	-5.7
1960	-7.2	-7.5	1980	-6.9	-6.9	2000	-6.1	-5.5
1961	-7.5	-7.5	1981	-4.9	-7.1	2001	-4.3	-5.8
1962	-8.1	-7.6	1982	-8.5	-7.0	2002	-7.4	-5.9
1963	-7.4	-7.6	1983	-7.1	-6.9	2003	-5.6	-5.9
1964	-7.7	-7.6	1984	-6.5	-6.7	2004	-8.7	-5.8
1965	-7.8	-7.5	1985	-7.2	-7.1	2005	-5.4	
1966	-7.4	-7.3	1986	-7.4	-7.0	2006	-3.6	

New Brunswick

Moncton, NB. Air temperatures (°C) between 1940 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1940	4.3		1963	4.4	5.1	1986	4.3	4.9
1941	5.1		1964	4.7	4.8	1987	5.0	4.9
1942	5.9	5.1	1965	4.6	4.8	1988	5.0	4.9
1943	4.7	5.2	1966	6.0	5.0	1989	4.3	4.8
1944	5.4	5.4	1967	4.4	5.0	1990	5.8	4.8
1945	5.3	5.3	1968	4.8	5.0	1991	5.1	4.8

1946	5.5	5.4	1969	5.8	4.9	1992	4.3	4.8
1947	5.7	5.5	1970	4.5	4.9	1993	4.1	4.9
1948	4.8	5.5	1971	4.9	4.9	1994	4.9	4.7
1949	6.1	5.6	1972	3.9	4.9	1995	4.8	4.9
1950	5.4	5.8	1973	5.8	4.8	1996	5.4	5.3
1951	6.0	5.8	1974	4.5	4.9	1997	4.4	5.5
1952	5.8	5.8	1975	5.0	4.8	1998	6.3	5.7
1953	6.7	5.7	1976	5.1	5.1	1999	7.2	5.8
1954	5.8	5.7	1977	5.1	4.9	2000	5.7	5.8
1955	5.1	5.6	1978	4.4	5.1	2001	6.1	5.9
1956	4.8	5.6	1979	5.9	5.1	2002	5.4	5.8
1957	5.6	5.5	1980	4.4	5.2	2003	5.4	5.8
1958	5.4	5.4	1981	5.9	5.2	2004	5.1	5.8
1959	5.6	5.3	1982	4.7	5.3	2005	5.8	
1960	6.2	5.3	1983	5.9	5.0	2006	7.0	
1961	5.4	5.2	1984	5.5	5.1			
1962	4.4	5.0	1985	4.5	5.0			

Newfoundland

Cartwright, NL. Air temperatures (°C) between 1938 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1938	0.0		1961	0.6	0.3	1984	-1.3	-0.8
1939	-0.8		1962	-0.5	0.0	1985	-0.9	-0.8
1940	0.5	-0.1	1963	-0.1	0.2	1986	-1.2	-0.6
1941	0.3	-0.1	1964	-0.6	0.1	1987	0.6	-0.8
1942	0.6	-0.1	1965	-0.4	0.0	1988	-0.4	-0.9
1943	-1.1	0.0	1966	1.5	0.2	1989	-0.7	-1.0
1944	-0.1	0.0	1967	-0.1	0.3	1990	-1.6	-1.1
1945	-0.1	-0.1	1968	0.1	0.4	1991	-2.1	-1.3
1946	-0.4	-0.3	1969	1.1	0.0	1992	-1.7	-1.3
1947	1.0	-0.1	1970	0.3	-0.2	1993	-1.7	-1.1
1948	-0.4	0.0	1971	0.0	-0.4	1994	-0.7	-0.9
1949	-0.7	0.2	1972	-3.2	-0.6	1995	-0.6	-0.5
1950	-0.3	0.3	1973	0.3	-0.9	1996	0.7	-0.1
1951	0.9	0.2	1974	-1.7	-0.9	1997	-0.4	0.3
1952	1.4	0.4	1975	-1.2	-1.1	1998	0.9	0.5
1953	0.4	0.5	1976	-1.1	-0.5	1999	1.4	0.5
1954	-0.1	0.4	1977	0.8	-0.6	2000	0.7	0.5
1955	1.2	0.5	1978	-1.3	-0.4	2001	0.8	0.8
1956	-0.3	0.3	1979	0.7	-0.5	2002	-0.4	0.8
1957	-0.6	0.4	1980	-0.1	-0.4	2003	0.6	1.0
1958	1.2	0.5	1981	-0.6	-0.7	2004	1.5	1.0
1959	0.1	0.2	1982	-1.7	-0.6	2005	1.3	
1960	1.2	0.3	1983	-0.6	-0.9	2006	2.4	

Goose (Bay), NL. Air temperatures (°C) between 1942 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1942	0.4		1964	-0.8	0.0	1986	-1.0	-0.5
1943	-1.0		1965	-0.6	0.0	1987	1.0	-0.6

1944	0.1	-0.4	1966	1.8	0.2	1988	-0.5	-0.7
1945	-0.2	-0.4	1967	0.0	0.2	1989	-0.6	-0.9
1946	-0.6	-0.6	1968	0.4	0.3	1990	-1.6	-1.0
1947	-0.8	-0.5	1969	0.9	0.5	1991	-1.6	-1.2
1948	-0.6	-0.5	1970	-0.2	0.3	1992	-1.9	-1.2
1949	-0.9	-0.2	1971	-0.3	0.1	1993	-1.7	-1.0
1950	-0.7	-0.1	1972	0.9	-0.2	1994	-0.8	-0.7
1951	0.6	0.0	1973	0.5	-0.5	1995	-0.4	-0.3
1952	1.4	0.3	1974	-1.7	-0.4	1996	0.8	0.1
1953	0.3	0.3	1975	-1.3	-0.5	1997	0.8	0.5
1954	-0.1	0.4	1976	-1.5	-0.5	1998	0.8	0.7
1955	1.4	0.5	1977	0.8	-0.6	1999	1.4	0.7
1956	-0.5	0.4	1978	-1.1	-0.1	2000	0.8	0.7
1957	0.0	0.6	1979	0.9	-0.2	2001	1.0	0.7
1958	1.3	0.7	1980	-0.1	-0.1	2002	-0.9	0.7
1959	0.6	0.5	1981	1.7	-0.3	2003	0.9	0.7
1960	1.6	0.5	1982	-1.9	-0.3	2004	0.6	0.6
1961	0.8	0.4	1983	-0.8	-0.5	2005	1.1	
1962	-0.5	0.1	1984	-1.1	-0.4	2006	1.1	
1963	-0.4	0.3	1985	-0.5	-0.7			

St. John's, NL. Air temperatures (°C) between 1942 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1942	5.1		1964	4.1	4.8	1986	4.2	4.7
1943	4.5		1965	4.5	4.8	1987	4.6	4.6
1944	4.8	4.8	1966	5.5	4.9	1988	5.1	4.4
1945	4.6	4.6	1967	5.6	5.0	1989	4.5	4.4
1946	5.0	4.6	1968	4.4	5.2	1990	4.6	4.3
1947	4.6	4.6	1969	5.5	5.1	1991	3.9	4.3
1948	3.9	4.8	1970	5.4	5.0	1992	3.6	4.2
1949	4.8	4.9	1971	5.4	4.7	1993	3.8	4.3
1950	4.3	5.0	1972	3.6	4.7	1994	4.6	4.3
1951	6.1	5.1	1973	4.9	4.6	1995	4.4	4.5
1952	5.8	5.2	1974	3.8	4.5	1996	5.3	4.9
1953	5.5	5.2	1975	4.0	4.3	1997	4.2	5.2
1954	5.3	5.1	1976	5.0	4.6	1998	5.6	5.3
1955	4.5	5.1	1977	4.9	4.5	1999	6.6	5.4
1956	4.7	4.8	1978	4.1	4.8	2000	5.9	5.4
1957	4.1	4.8	1979	5.3	4.8	2001	5.3	5.6
1958	5.6	4.7	1980	4.1	4.8	2002	4.7	5.6
1959	3.9	4.8	1981	5.9	4.9	2003	5.4	5.5
1960	5.4	4.7	1982	4.2	4.8	2004	5.5	5.5
1961	5.0	4.7	1983	5.4	4.7	2005	5.6	
1962	4.6	4.6	1984	5.2	4.7	2006	6.4	
1963	4.6	4.8	1985	3.7	4.6			

Northwest Territories

Cape Parry, NT. Air temperatures (°C) between 1980 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1960	-12.1		1976	-11.8	-12.3	1992	-11.1	

1961	-13.7		1977	-10.7	-12.4	1993	NA	
1962	-11.1	-12.7	1978	-11.9	-11.5	1994	NA	
1963	-12.3	-12.6	1979	-12.2	-11.5	1995	-10.8	
1964	-14.1	-12.8	1980	-12.0	-11.6	1996	-11.9	
1965	-12.6	-12.4	1981	-8.8	-12.0	1997	-11.0	-10.4
1966	-12.5	-12.4	1982	-13.3	-12.1	1998	-7.3	-10.3
1967	-13.0	-12.4	1983	-12.5	-12.2	1999	-9.4	-10.3
1968	-11.4	-12.1	1984	-13.0	-12.0	2000	-11.8	-10.0
1969	-10.6	-12.2	1985	-12.8	-12.2	2001	-9.9	-10.4
1970	-12.4	-11.9	1986	-13.2	-11.9	2002	-10.8	-11.0
1971	-11.9	-12.2	1987	-10.6	-11.9	2003	NA	-10.8
1972	-13.4	-12.5	1988	-9.8	-11.9	2004	-13.1	
1973	-10.8	-12.7	1989	-11.3	-11.6	2005	-10.7	
1974	-15.2	-12.4	1990	-12.4	-11.4	2006	-8.6	
1975	-13.2	-12.4	1991	-12.9				

Inuvik, NT. Air temperatures (°C) between 1960 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1960	-10.0		1976	-8.9	-9.2	1992	-9.0	-8.1
1961	-11.6		1977	-8.9	-9.3	1993	-6.1	-8.2
1962	-8.3	-10.2	1978	-8.3	-8.6	1994	-8.2	-7.9
1963	-9.4	-10.3	1979	-7.3	-8.6	1995	-7.9	-7.3
1964	-11.8	-10.2	1980	-9.4	-8.8	1996	-8.1	-7.3
1965	-10.2	-10.0	1981	-6.9	-9.0	1997	-7.3	-7.6
1966	-10.7	-10.2	1982	-10.6	-9.1	1998	-4.6	-7.5
1967	-9.5	-10.3	1983	-10.1	-9.5	1999	-8.8	-7.3
1968	-9.9	-10.2	1984	-10.5	-9.4	2000	-8.6	-7.3
1969	-9.7	-10.1	1985	-9.1	-9.5	2001	-7.3	-7.6
1970	-10.4	-9.8	1986	-10.1	-9.1	2002	-6.7	-8.0
1971	-10.9	-10.2	1987	-8.2	-9.0	2003	-7.6	-7.7
1972	-9.7	-10.1	1988	-8.1	-8.7	2004	-9.6	-7.5
1973	-8.6	-10.1	1989	-7.5	-8.7	2005	-7.5	
1974	-11.9	-9.9	1990	-9.4	-8.1	2006	-6.3	
1975	-10.5	-9.5	1991	-8.7	-8.1			

Mould Bay, NT. Air temperatures (°C) between 1949 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1949	-17.8		1969	-16.7	-18.1	1989	-16.9	-17.4
1950	-18.6		1970	-18.2	-17.8	1990	-17.0	-17.1
1951	-17.0	-17.6	1971	-17.5	-17.9	1991	-17.7	-17.0
1952	-17.0	-17.7	1972	-19.0	-17.9	1992	-17.3	-16.9
1953	-17.4	-17.8	1973	-16.4	-18.0	1993	-16.2	-17.0
1954	-17.7	-17.7	1974	-19.0	-18.0	1994	-17.6	-17.1
1955	-18.2	-17.7	1975	-18.3	-17.9	1995	-15.9	-16.6
1956	-18.5	-17.8	1976	-17.9	-17.9	1996	-17.1	-16.5
1957	-17.9	-17.7	1977	-17.6	-18.1	1997	-17.9	-16.6
1958	-17.1	-17.8	1978	-17.4	-17.6	1998	-14.1	-16.4
1959	-17.5	-17.6	1979	-18.8	-17.7	1999	-16.5	-16.4
1960	-16.8	-17.4	1980	-17.5	-17.6	2000	-16.8	-16.4
1961	-18.4	-17.6	1981	-15.7	-17.6	2001	-16.2	-16.2

1962	-16.8	-17.8	1982	-18.8	-17.7	2002	-16.2	-16.6
1963	-17.5	-17.9	1983	-17.5	-17.7	2003	-17.2	-16.4
1964	-19.4	-18.1	1984	-17.7	-17.8	2004	NA	-16.3
1965	-17.9	-18.1	1985	-18.2	-17.9	2005	-16.6	
1966	-18.5	-18.1	1986	-18.5	-17.6	2006	-15.5	
1967	-18.2	-18.2	1987	-18.3	-17.5			
1968	-18.3	-17.9	1988	-16.0	-17.5			

Sachs Harbour, NT. Air temperatures (°C) between 1980 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1956	-15.4		1973	-12.2	-14.2	1990	NA	
1957	-14.7		1974	-16.6	-14.0	1991	-14.4	
1958	-13.3	-14.6	1975	-14.4	-14.0	1992	-14.1	
1959	-14.6	-14.2	1976	-13.6	-13.9	1993	-10.2	-13.0
1960	-13.9	-14.0	1977	-12.1	-14.1	1994	-13.5	-13.1
1961	-15.4	-14.2	1978	-14.0	-13.3	1995	-12.5	-12.3
1962	-12.4	-14.3	1979	-14.2	-13.3	1996	-13.5	-11.9
1963	-13.4	-14.2	1980	-14.0	-13.4	1997	-13.2	-12.4
1964	-16.1	-14.4	1981	-10.8	-13.7	1998	-8.8	-12.1
1965	-14.1	-14.1	1982	-14.7	-13.7	1999	-11.6	-12.2
1966	-14.2	-14.1	1983	-13.7	-13.7	2000	-13.7	-12.1
1967	-15.0	-14.1	1984	-14.3	-13.4	2001	-11.6	-12.3
1968	-13.3	-13.8	1985	-14.4	-13.7	2002	-13.0	-12.8
1969	-12.6	-14.0	1986	NA		2003	-12.6	-12.6
1970	-13.6	-13.7	1987	-12.7		2004	-14.9	-12.4
1971	-13.7	-13.9	1988	-12.1		2005	-12.3	
1972	-15.3	-14.1	1989	NA		2006	-10.2	

Nunavut

Alert, NU. Air temperatures (°C) between 1951 and 2005 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1951	-18.6		1970	-18.5	-18.2	1989	-18.2	-17.9
1952	-17.5		1971	-17.9	-18.5	1990	-17.6	-17.8
1953	-16.9	-17.9	1972	-18.8	-18.5	1991	-16.9	-17.6
1954	-17.8	-17.9	1973	-18.5	-18.6	1992	-18.8	-17.7
1955	-18.2	-17.7	1974	-18.9	-18.7	1993	-17.7	-17.4
1956	-18.4	-17.8	1975	-19.0	-18.7	1994	-17.3	-17.5
1957	-18.1	-17.9	1976	-18.7	-18.8	1995	-17.2	-17.4
1958	-17.1	-18.1	1977	-19.2	-18.7	1996	-16.6	-17.2
1959	-18.0	-17.9	1978	-17.7	-18.3	1997	-17.7	-17.0
1960	-17.8	-17.8	1979	-19.7	-18.2	1998	-16.3	-17.1
1961	-18.9	-17.9	1980	-17.9	-18.1	1999	-17.9	-17.1
1962	-17.1	-17.9	1981	-15.9	-18.0	2000	-15.8	-17.3
1963	-17.7	-18.1	1982	-18.5	-18.2	2001	-18.2	-17.5
1964	-18.7	-18.0	1983	-17.9	-18.0	2002	-17.5	-17.6
1965	-17.3	-18.0	1984	-18.6	-18.1	2003	-17.6	-17.5
1966	-19.0	-18.1	1985	-18.7	-18.2	2004	-19.4	
1967	-17.3	-18.2	1986	-18.3	-18.2	2005	-16.7	
1968	-18.8	-18.1	1987	-18.8	-18.2			
1969	-17.8	-18.3	1988	-16.9	-17.9			

Baker Lake, NU. Air temperatures (°C) between 1952 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1952	-11.1		1971	-11.0	-12.1	1990	-13.2	-12.4
1953	-11.1		1972	-15.1	-12.1	1991	-12.5	-12.4
1954	-11.5	-11.9	1973	-10.8	-12.3	1992	-12.8	-12.2
1955	-11.7	-11.9	1974	-12.9	-12.0	1993	-11.8	-11.9
1956	-13.7	-12.0	1975	-11.4	-12.4	1994	-11.1	-11.6
1957	-12.4	-12.0	1976	-12.4	-12.1	1995	-11.1	-11.2
1958	-11.6	-12.3	1977	-10.6	-12.2	1996	-10.7	-10.7
1959	-12.3	-12.5	1978	-13.3	-11.7	1997	-11.0	-10.6
1960	-11.1	-12.3	1979	-13.2	-12.1	1998	-9.7	-10.4
1961	-13.1	-12.4	1980	-11.4	-12.0	1999	-9.5	-10.5
1962	-13.3	-12.6	1981	-9.9	-12.1	2000	-11.1	-10.5
1963	-12.5	-12.6	1982	-13.7	-11.9	2001	-9.6	-10.9
1964	-12.9	-12.8	1983	-12.1	-11.9	2002	-11.8	-11.0
1965	-12.9	-12.6	1984	-11.4	-11.9	2003	-10.7	-10.9
1966	-12.4	-12.3	1985	-11.6	-12.2	2004	-13.8	-10.9
1967	-12.7	-12.3	1986	-12.9	-12.1	2005	-10.6	
1968	-11.5	-12.0	1987	-11.5	-12.3	2006	-8.6	
1969	-11.5	-12.3	1988	-12.1	-12.4			
1970	-12.2	-12.1	1989	-13.1	-12.6			

Cambridge Bay, NU. Air temperatures (°C) between 1949 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1949	-15.3		1969	-13.7	-15.1	1989	-14.1	-14.8
1950	-16.0		1970	-14.5	-14.9	1990	-14.9	-14.5
1951	-15.3	-14.9	1971	-14.1	-14.9	1991	-15.1	-14.3
1952	-14.2	-14.9	1972	-17.9	-14.8	1992	-14.7	-14.4
1953	-14.4	-15.0	1973	-13.5	-15.0	1993	-14.2	-14.3
1954	-14.4	-15.0	1974	-16.2	-14.9	1994	-13.3	-14.1
1955	-14.8	-15.0	1975	-13.7	-15.2	1995	-14.3	-13.6
1956	-16.1	-15.1	1976	-15.2	-14.9	1996	-13.4	-13.4
1957	-15.8	-15.1	1977	-13.9	-15.0	1997	-14.0	-13.3
1958	-15.1	-15.4	1978	-16.0	-14.6	1998	-11.4	-13.3
1959	-15.2	-15.4	1979	-15.7	-14.9	1999	-13.1	-13.2
1960	-14.2	-15.3	1980	-14.6	-14.8	2000	-13.6	-13.2
1961	-16.7	-15.3	1981	-12.8	-14.8	2001	-13.0	-13.5
1962	-15.0	-15.4	1982	-16.0	-14.6	2002	-13.8	-13.9
1963	-15.0	-15.4	1983	-14.3	-14.6	2003	-13.4	-13.6
1964	-15.9	-15.7	1984	-13.9	-14.6	2004	-16.2	-13.6
1965	-15.9	-15.3	1985	-14.8	-14.8	2005	-14.2	
1966	-15.1	-15.1	1986	-15.9	-14.5	2006	-10.9	
1967	-16.1	-15.1	1987	-14.7	-14.6			
1968	-14.3	-14.8	1988	-13.9	-14.8			

Cape Dorset, NU. Air temperatures (C) between 1980 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1980	-8.0		1989	-10.2	-9.9	1998	-7.7	-7.8

1981	-7.1		1990	-10.5	-9.9	1999	-8.0	-7.8
1982	-10.4	-9.1	1991	-9.5	-10.0	2000	-7.8	-7.8
1983	-11.1	-9.2	1992	-10.9	-9.8	2001	-7.5	-7.9
1984	-10.4	-9.4	1993	-10.0	-9.4	2002	-8.1	-7.9
1985	-7.5	-9.6	1994	NA	-9.0	2003	-7.3	-7.6
1986	-9.9	-9.6	1995	-7.8	-8.7	2004	-8.8	-7.5
1987	-9.1	-9.5	1996	-7.7	-8.2	2005	-7.5	
1988	-8.9	-9.4	1997	-8.1	-7.9	2006	-6.0	

Clyde, NU. Air temperatures (°C) between 1947 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1947	-9.9		1967	-12.0	-11.9	1987	-14.2	-13.3
1948	-12.4		1968	-11.7	-11.9	1988	-11.7	-13.2
1949	-12.4		1969	-10.8	-12.2	1989	-14.1	-13.6
1950	-12.1	-12.0	1970	-12.3	-12.2	1990	-14.0	-13.7
1951	-12.4	-12.4	1971	-12.6	-12.4	1991	-12.6	-13.6
1952	NA	-12.2	1972	-14.5	-12.4	1992	-14.3	-13.7
1953	-12.8	-12.3	1973	-11.8	-12.6	1993	-14.8	-13.3
1954	-12.4	-12.4	1974	-12.8	-12.5	1994	NA	-13.1
1955	-11.1	-12.5	1975	-12.2	-12.7	1995	-12.1	-12.8
1956	-12.9	-12.5	1976	-12.3	-12.4	1996	-12.0	-12.6
1957	-12.8	-12.2	1977	-11.5	-12.2	1997	-12.6	-12.1
1958	-12.8	-12.5	1978	-13.5	-12.0	1998	-10.7	-12.1
1959	NA	-12.6	1979	-12.9	-12.1	1999	-13.5	-12.2
1960	-11.1	-12.3	1980	-10.5	-12.3	2000	-11.6	-12.0
1961	-14.2	-12.3	1981	-11.0	-12.5	2001	-12.4	-12.1
1962	-11.5	-12.1	1982	-12.7	-12.1	2002	-12.8	-12.1
1963	-11.3	-12.1	1983	-14.2	-12.3	2003	-10.6	-11.8
1964	-12.7	-12.2	1984	NA	-13.0	2004	-12.8	-11.8
1965	-11.9	-11.8	1985	-11.4	-13.1	2005	-10.8	
1966	-11.7	-11.7	1986	-14.2	-13.3	2006	-11.4	

Coppermine/Kugluktuk, NU. Air temperatures (°C) between 1933 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr Ave	Year	Annual	7 Yr Ave	Year	Annual	7 Yr Ave
1933	-13.3		1958	-11.6	-12.2	1983	-12.1	-11.4
1934	-12.1		1959	-12.4	-12.1	1984	-11.1	-11.4
1935	-12.1	-12.0	1960	-11.6	-11.9	1985	-12.1	-11.6
1936	-14.0	-11.9	1961	-13.4	-11.9	1986	-12.3	-11.3
1937	-11.0	-11.4	1962	-11.3	-12.1	1987	-10.6	-11.2
1938	-9.6	-11.4	1963	-10.8	-12.0	1988	-10.3	-11.3
1939	-11.3	-11.2	1964	-12.4	-12.0	1989	-10.5	-11.1
1940	-9.5	-10.6	1965	-12.8	-11.7	1990	-11.7	-10.8
1941	-12.4	-10.3	1966	-11.5	-11.5	1991	-11.6	-10.6
1942	-10.8	-10.6	1967	-11.7	-11.6	1992	-10.6	-10.6
1943	-9.4	-10.7	1968	-11.1	-11.4	1993	-10.0	-10.5
1944	-9.4	-11.0	1969	-10.1	-11.5	1994	-9.5	-10.2
1945	-11.5	-10.9	1970	-11.8	-11.2	1995	-10.1	-9.6
1946	-11.8	-10.9	1971	-10.9	-11.5	1996	-9.9	-9.4
1947	-12.0	-11.2	1972	-13.1	-11.5	1997	-9.8	-9.4
1948	-11.2	-11.6	1973	-9.9	-11.6	1998	-7.3	-9.4

1949	-10.9	-11.6	1974	-13.5	-11.5	1999	-9.2	-9.4
1950	-11.8	-11.3	1975	-10.9	-11.7	2000	-9.8	-9.4
1951	-12.3	-11.1	1976	-10.8	-11.5	2001	-9.7	-9.8
1952	-10.9	-11.3	1977	NA	-11.6	2002	-10.4	-10.5
1953	-9.8	-11.5	1978	-11.8	-10.8	2003	-9.9	-10.2
1954	-11.1	-11.5	1979	-11.9	-11.1	2004	-12.5	-10.2
1955	-12.1	-11.4	1980	-10.6	-11.3	2005	-11.8	
1956	-12.4	-11.6	1981	-8.8	-11.3	2006	-7.1	
1957	-12.1	-11.9	1982	-12.6	-11.3			

Coral Harbour, NU. Air temperatures (°C) between 1951 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1951	-11.5		1970	-11.5	-11.7	1989	-12.5	-12.4
1952	-10.6		1971	-10.9	-11.7	1990	-13.1	-12.3
1953	-10.7	-11.1	1972	-15.3	-11.7	1991	-11.9	-12.3
1954	-12.1	-11.2	1973	-10.9	-12.0	1992	-13.6	-12.1
1955	-10.0	-11.1	1974	-12.4	-11.7	1993	-12.4	-11.7
1956	-11.6	-11.3	1975	-10.7	-12.1	1994	-11.3	-11.5
1957	-12.1	-11.2	1976	-12.5	-11.7	1995	-9.6	-11.2
1958	-10.8	-11.2	1977	-9.4	-11.6	1996	-10.3	-10.6
1959	-11.8	-11.5	1978	-13.6	-11.1	1997	-11.3	-10.4
1960	-10.3	-11.6	1979	-12.1	-11.4	1998	-9.8	-10.2
1961	-11.6	-11.7	1980	-10.4	-11.4	1999	-9.8	-10.4
1962	-12.5	-11.9	1981	-9.1	-11.8	2000	-10.5	-10.3
1963	-12.1	-11.7	1982	-12.8	-11.3	2001	-9.9	-10.5
1964	-12.6	-12.1	1983	-12.7	-11.4	2002	-11.1	-10.5
1965	-12.2	-12.0	1984	-12.0	-11.6	2003	-9.9	-10.2
1966	-10.9	-11.6	1985	-9.9	-11.9	2004	-12.3	-10.2
1967	-12.9	-11.5	1986	-12.8	-11.8	2005	-9.8	
1968	-10.6	-11.3	1987	-11.6	-11.9	2006	-8.2	
1969	-10.1	-11.7	1988	-11.2	-11.9			

Eureka, NU. Air temperatures (°C) between 1948and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1948	-20.0		1968	-19.9	-19.6	1988	-17.5	-19.7
1949	-19.6		1969	-19.5	-20.1	1989	-20.7	-19.8
1950	-19.8	-19.5	1970	-20.2	-20.0	1990	-19.4	-19.5
1951	-19.4	-19.3	1971	-20.0	-20.4	1991	-18.5	-19.1
1952	-18.4	-19.2	1972	-21.8	-20.5	1992	-20.5	-19.2
1953	-19.5	-19.3	1973	-20.0	-20.7	1993	-18.7	-18.9
1954	-18.5	-19.4	1974	-21.3	-20.6	1994	-18.1	-18.8
1955	-19.3	-19.2	1975	-20.6	-20.5	1995	-18.2	-18.6
1956	-20.2	-19.3	1976	-20.7	-20.5	1996	-18.7	-18.5
1957	-20.2	-19.1	1977	-19.8	-20.4	1997	-19.2	-18.6
1958	-18.1	-19.4	1978	-19.3	-19.9	1998	-17.0	-18.6
1959	-19.6	-19.3	1979	-21.5	-19.9	1999	-19.7	-18.6
1960	-18.0	-19.1	1980	-19.9	-19.7	2000	-19.0	-18.4
1961	-20.4	-19.1	1981	-17.6	-19.9	2001	-18.7	-18.4
1962	-18.3	-19.2	1982	-20.4	-20.0	2002	-17.6	-18.5
1963	-19.3	-19.3	1983	-19.2	-19.9	2003	-17.6	-17.9

1964	-20.1	-19.4	1984	-21.2	-20.1	2004	-19.4	-17.8
1965	-18.7	-19.3	1985	-20.0	-20.0	2005	-17.2	
1966	-20.2	-19.5	1986	-20.8	-20.1	2006	-16.1	
1967	-18.9	-19.6	1987	-21.2	-20.1			

Hall Beach, NU. Air temperatures (°C) between 1859 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1959	-14.4		1975	-14.2	-15.0	1991	-14.0	-14.4
1960	-13.1		1976	-15.3	-14.6	1992	-15.2	-14.2
1961	-15.3	-14.4	1977	-12.3	-14.6	1993	-14.4	-13.9
1962	-14.4	-14.4	1978	-16.2	-14.2	1994	-13.6	-13.7
1963	-14.0	-14.2	1979	-15.1	-14.3	1995	-12.5	-13.4
1964	-15.4	-14.5	1980	-13.5	-14.3	1996	-12.5	-13.1
1965	-13.9	-14.2	1981	-12.5	-14.7	1997	-13.4	-12.8
1966	-13.3	-14.0	1982	-15.5	-14.2	1998	-11.9	-12.6
1967	-15.1	-14.1	1983	-15.1	-14.2	1999	-13.2	-12.7
1968	-13.6	-13.9	1984	-14.8	-14.4	2000	-12.5	-12.6
1969	-12.8	-14.5	1985	-12.7	-14.5	2001	-12.5	-12.8
1970	-14.5	-14.5	1986	-15.4	-14.4	2002	-12.9	-13.0
1971	-14.1	-14.5	1987	-14.5	-14.4	2003	-11.8	-12.7
1972	-17.8	-14.6	1988	-13.3	-14.3	2004	-14.9	-12.7
1973	-13.6	-15.0	1989	-14.8	-14.6	2005	-13.1	
1974	-15.3	-14.7	1990	-15.2	-14.5	2006	-11.0	

Igloolik, NU. Air temperatures (°C) between 1979 and 2005 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1979	-14.6		1988	-12.6	-13.9	1997	-13.6	-12.8
1980	-13.2		1989	-14.7	-14.3	1998	-11.7	-12.6
1981	-14.6		1990	-15.4	-14.2	1999	-13.2	-12.6
1982	-13.2	-13.7	1991	-13.8	-14.2	2000	-12.5	-12.4
1983	-14.5	-13.8	1992	-14.9	-14.2	2001	-11.6	-12.6
1984	NA	-13.9	1993	-14.3	-13.9	2002	-12.8	-12.7
1985	-12.3	-13.6	1994	-13.5	-13.6	2003	-11.7	-12.7
1986	-15.1	-13.8	1995	-12.6	-13.3	2004	-14.9	
1987	-13.7	-14.0	1996	-12.8	-13.1	2005	-12.5	

Iqaluit, NU. Air temperatures (°C) between 1947 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1947	-7.0		1967	-10.4	-9.1	1987	-10.3	-10.0
1948	-8.8		1968	-8.8	-8.9	1988	-9.3	-9.9
1949	-9.8	-8.8	1969	-8.0	-9.5	1989	-11.0	-10.6
1950	-9.1	-8.9	1970	-9.4	-9.7	1990	-11.1	-10.8
1951	-9.4	-9.2	1971	-9.2	-9.7	1991	-9.9	-10.7
1952	-8.5	-8.9	1972	-12.7	-9.8	1992	-12.0	-10.5
1953	-9.5	-8.9	1973	-9.4	-10.2	1993	-12.1	-10.1
1954	-9.4	-9.0	1974	-10.5	-9.8	1994	-9.6	-9.8
1955	-6.7	-8.8	1975	-9.4	-10.1	1995	-8.1	-9.6
1956	-9.8	-9.0	1976	-10.6	-9.7	1996	-8.2	-9.2
1957	-9.8	-8.8	1977	-7.1	-9.5	1997	-8.6	-8.6

1958	-8.1	-8.9	1978	-11.3	-8.9	1998	-8.6	-8.4
1959	-9.8	-9.2	1979	-9.3	-9.1	1999	-8.9	-8.6
1960	-8.0	-9.1	1980	-8.1	-9.3	2000	-8.3	-8.5
1961	-9.8	-9.2	1981	-6.7	-9.8	2001	-8.1	-8.5
1962	-9.4	-9.3	1982	-10.6	-9.2	2002	-9.2	-8.4
1963	-8.9	-9.0	1983	-11.7	-9.4	2003	-7.7	-8.1
1964	-10.3	-9.4	1984	-11.0	-9.7	2004	-8.9	-8.0
1965	-9.0	-9.2	1985	-7.2	-10.1	2005	-7.6	
1966	-7.8	-9.0	1986	-10.3	-10.1	2006	-6.7	

Pond Inlet, NU. Air temperatures (°C) between 1976 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1976	-16.1		1987	-15.6	-15.1	1998	-12.4	-14.1
1977	-13.9		1988	-13.1	-14.9	1999	-15.2	-14.2
1978	-16.4	-14.8	1989	-15.5	-15.2	2000	-13.9	-14.2
1979	-15.9	-14.9	1990	-15.9	-15.2	2001	-14.0	-13.9
1980	-13.3	-15.0	1991	-14.3	-15.1	2002	-13.9	-14.0
1981	-13.2	-15.3	1992	-16.1	-15.1	2003	-13.0	-13.6
1982	-15.8	-14.9	1993	-15.6	-14.7	2004	-14.8	-13.6
1983	-16.5	-14.9	1994	NA	-14.9	2005	-13.2	
1984	-15.9	-15.3	1995	-13.2	-14.5	2006	-12.4	
1985	-13.7	-15.2	1996	-13.2	-14.4			
1986	-16.1	-15.2	1997	-16.7	-14.1			

Rankin Inlet, NU. Air temperatures (°C) between 1982 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1982	-13.0		1991	-11.7	-11.6	2000	-10.4	-9.7
1983	-11.7		1992	-12.1	-11.4	2001	-8.8	-10.1
1984	-11.0	-11.7	1993	-11.4	-11.1	2002	-11.3	-10.2
1985	-11.1	-11.7	1994	-10.3	-10.9	2003	-9.7	-10.0
1986	-12.6	-11.5	1995	-10.3	-10.5	2004	-13.0	-10.0
1987	-10.9	-11.6	1996	-10.1	-10.0	2005	-9.7	
1988	-11.4	-11.7	1997	-10.1	-9.9	2006	-7.4	
1989	-12.0	-11.8	1998	-9.4	-9.6			
1990	-12.1	-11.7	1999	-8.4	-9.8			

Resolute, NU. Air temperatures (°C) between 1948 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1948	-17.0		1968	-16.5	-16.5	1988	-15.0	-16.5
1949	-16.8		1969	-15.6	-17.0	1989	-17.2	-16.7
1950	-16.8	-16.3	1970	-16.7	-16.9	1990	-17.1	-16.4
1951	-16.1	-16.3	1971	-16.2	-16.9	1991	-16.3	-16.3
1952	-15.1	-16.2	1972	-19.1	-16.9	1992	-16.8	-16.4
1953	-16.1	-16.3	1973	-16.1	-17.1	1993	-15.6	-16.2
1954	-16.0	-16.3	1974	-17.8	-16.9	1994	-16.1	-16.2
1955	-16.7	-16.3	1975	-16.9	-17.1	1995	-15.9	-15.8
1956	-17.5	-16.4	1976	-17.2	-16.9	1996	-15.3	-15.6
1957	-16.8	-16.5	1977	-15.3	-16.8	1997	-17.1	-15.6
1958	-15.8	-16.6	1978	-17.2	-16.3	1998	-13.6	-15.5

1959	-16.4	-16.5	1979	-17.5	-16.4	1999	-15.4	-15.4
1960	-15.6	-16.3	1980	-15.4	-16.3	2000	-15.8	-15.4
1961	-17.4	-16.4	1981	-14.6	-16.6	2001	-15.4	-15.4
1962	-15.7	-16.4	1982	-17.5	-16.4	2002	-15.2	-15.5
1963	-16.2	-16.5	1983	-16.7	-16.4	2003	-15.0	-15.2
1964	-17.5	-16.8	1984	-17.3	-16.6	2004	-17.2	-15.1
1965	-16.0	-16.6	1985	-15.6	-16.6	2005	-14.7	
1966	-17.1	-16.6	1986	-17.6	-16.6	2006	-12.9	
1967	-17.5	-16.7	1987	-16.8	-16.7			

Ontario

Moosonee, ON. Air temperatures (°C) between 1936 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1936	-2.9		1960	-0.7	-0.9	1984	-0.8	-1.0
1937	-0.6		1961	-0.6	-1.1	1985	-1.9	-1.1
1938	-0.4	-1.2	1962	-1.5	-1.4	1986	-1.4	-1.2
1939	NA	-1.2	1963	-1.6	-1.4	1987	0.7	-1.2
1940	-1.2	-1.0	1964	-1.6	-1.5	1988	-1.5	-1.2
1941	-1.1	-1.0	1965	-2.4	-1.5	1989	-2.4	-1.2
1942	-1.0	-1.1	1966	-1.1	-1.4	1990	-0.8	-1.1
1943	-1.9	-1.1	1967	-1.9	-1.4	1991	-0.9	-1.4
1944	-0.2	-1.0	1968	-0.4	-1.3	1992	-2.4	
1945	-1.1	-0.9	1969	-0.9	-1.4	1993	-0.1	
1946	-1.3	-0.8	1970	-1.5	-1.3	1994	NA	
1947	-0.6	-0.9	1971	-1.0	-1.4	1995	NA	
1948	-0.1	-0.9	1972	-3.3	-1.4	1996	-0.7	
1949	-0.7	-0.9	1973	0.0	-1.7	1997	1.1	
1950	-2.6	-0.8	1974	-2.6	-1.5	1998	1.0	0.8
1951	-0.2	-0.8	1975	-0.5	-1.8	1999	1.5	0.5
1952	-0.9	-0.9	1976	-2.8	-1.5	2000	0.1	0.5
1953	-0.6	-0.9	1977	-0.6	-1.8	2001	1.6	0.3
1954	-0.4	-0.6	1978	-3.0	-1.7	2002	-0.8	0.0
1955	-0.6	-0.7	1979	-1.3	-1.9	2003	-0.9	0.0
1956	-1.3	-0.7	1980	-2.0	-1.6	2004	-0.7	0.0
1957	-0.5	-0.7	1981	NA	-1.6	2005	-0.7	
1958	-0.5	-0.8	1982	-1.7	-1.4	2006	1.6	
1959	-1.1	-0.9	1983	-0.9	-1.5			

Ottawa, ON. Air temperatures (°C) between 1930 and 2005 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1930	5.7		1956	5.1	6.0	1982	5.8	6.1
1931	6.7		1957	6.4	5.8	1983	6.6	6.1
1932	5.5	5.2	1958	5.3	5.9	1984	6.3	6.4
1933	5.1	5.1	1959	5.9	5.8	1985	5.9	6.4
1934	3.9	5.2	1960	6.2	5.8	1986	6.3	6.3
1935	4.4	5.0	1961	6.1	5.8	1987	7.0	6.4
1936	4.6	4.9	1962	5.3	5.8	1988	6.6	6.6
1937	6.1	4.8	1963	5.2	5.8	1989	5.4	6.5
1938	5.6	5.0	1964	6.3	5.8	1990	7.3	6.4
1939	4.5	5.2	1965	5.6	5.7	1991	7.4	6.2

1940	4.3	5.2	1966	6.2	5.8	1992	5.4	6.2
1941	5.5	5.1	1967	5.6	5.9	1993	5.7	6.4
1942	5.9	5.1	1968	5.9	5.8	1994	5.9	6.1
1943	4.3	5.2	1969	6.1	5.7	1995	6.5	6.3
1944	5.6	5.4	1970	5.5	5.7	1996	6.3	6.7
1945	5.3	5.5	1971	5.6	5.8	1997	5.8	6.8
1946	5.7	5.6	1972	4.8	5.9	1998	8.6	7.1
1947	5.3	5.7	1973	6.9	5.7	1999	8.0	7.2
1948	6.1	5.8	1974	5.6	5.9	2000	6.5	7.2
1949	6.7	6.0	1975	6.7	5.8	2001	7.9	7.3
1950	5.4	6.2	1976	5.1	6.1	2002	7.4	7.2
1951	5.9	6.3	1977	6.3	5.8	2003	6.3	7.1
1952	6.6	6.3	1978	5.4	6.0	2004	6.3	
1953	7.6	6.0	1979	6.4	5.9	2005	8.3	
1954	5.5	6.2	1980	5.4	6.1			
1955	6.2	6.1	1981	6.6	6.1			

Toronto, ON. Air temperatures (°C) between 1940 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1940	6.0		1963	7.3	7.3	1986	7.6	7.6
1941	8.0		1964	7.1	7.1	1987	8.5	7.7
1942	7.5	7.1	1965	6.4	6.9	1988	7.9	8.0
1943	6.5	7.2	1966	6.9	6.8	1989	7.0	7.9
1944	7.6	7.4	1967	6.5	6.7	1990	8.7	7.9
1945	6.8	7.3	1968	6.7	6.7	1991	8.9	7.7
1946	8.0	7.5	1969	6.9	6.7	1992	7.0	7.7
1947	7.5	7.6	1970	6.7	6.8	1993	7.2	7.7
1948	7.5	7.6	1971	7.1	6.9	1994	7.3	7.6
1949	8.7	7.8	1972	5.9	7.0	1995	7.8	7.8
1950	7.0	8.0	1973	7.9	6.9	1996	7.2	8.1
1951	7.7	8.0	1974	6.8	6.9	1997	7.6	8.3
1952	8.4	8.1	1975	7.7	6.8	1998	10.2	8.6
1953	8.9	7.9	1976	6.2	7.0	1999	9.5	8.8
1954	7.7	8.0	1977	7.0	6.8	2000	8.3	8.9
1955	8.5	8.0	1978	6.2	6.8	2001	9.6	9.0
1956	7.1	8.0	1979	6.9	6.7	2002	9.4	8.8
1957	8.0	7.8	1980	6.6	6.9	2003	7.9	8.9
1958	7.5	7.9	1981	7.2	7.0	2004	8.2	9.0
1959	8.3	7.7	1982	6.8	7.1	2005	9.0	
1960	7.7	7.8	1983	7.8	7.2	2006	9.7	
1961	8.1	7.6	1984	7.3	7.5			
1962	7.4	7.5	1985	7.2	7.6			

Prince Edward Island

Charlottletown, PE. Air temperatures (°C) between 1946 and 2006 reported annually moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1946	5.7		1967	4.9	5.2	1988	5.1	5.0
1947	6.0		1968	4.9	5.3	1989	4.5	5.0
1948	5.1	5.8	1969	6.2	5.2	1990	5.9	5.1
1949	6.3	5.9	1970	5.1	5.2	1991	5.4	5.1

1950	5.4	6.0	1971	5.3	5.1	1992	4.6	5.1
1951	6.4	6.0	1972	4.1	5.2	1993	5.0	5.3
1952	6.1	6.0	1973	5.7	5.0	1994	5.2	5.1
1953	6.7	5.9	1974	4.6	5.1	1995	5.3	5.2
1954	6.0	5.9	1975	5.2	5.0	1996	5.7	5.6
1955	5.4	5.8	1976	5.3	5.3	1997	4.6	5.8
1956	5.1	5.7	1977	5.4	5.2	1998	6.3	5.9
1957	5.5	5.6	1978	4.6	5.4	1999	7.4	6.0
1958	5.7	5.5	1979	6.3	5.4	2000	6.0	6.0
1959	5.4	5.4	1980	4.7	5.6	2001	6.2	6.1
1960	6.2	5.3	1981	6.5	5.7	2002	5.6	6.0
1961	5.3	5.2	1982	5.1	5.6	2003	5.7	6.0
1962	4.5	5.1	1983	6.5	5.4	2004	5.3	6.0
1963	4.8	5.2	1984	6.0	5.5	2005	6.1	
1964	4.8	5.0	1985	4.4	5.3	2006	7.3	
1965	4.4	4.9	1986	4.6	5.2			
1966	6.2	5.2	1987	5.2	5.1			

Quebec

Inukjuak, QC. Air temperatures (°C) between 1940 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1940	-6.4		1963	-7.5	-6.8	1986	-7.6	-6.8
1941	-7.1		1964	-7.6	-7.2	1987	-6.0	-6.9
1942	-6.7	-7.0	1965	-8.5	-7.2	1988	-6.1	-7.0
1943	-7.7	-7.2	1966	-5.2	-7.0	1989	-8.3	-7.4
1944	-7.2	-7.1	1967	-8.6	-7.0	1990	-8.2	-7.4
1945	-7.0	-6.9	1968	-5.6	-6.7	1991	-6.8	-7.6
1946	-8.3	-6.9	1969	-6.2	-7.0	1992	-8.8	-7.7
1947	-5.6	-7.0	1970	-7.1	-7.0	1993	-7.3	-7.4
1948	-5.5	-6.9	1971	-5.9	-6.8	1994	NA	-7.0
1949	-7.2	-6.7	1972	-10.1	-6.8	1995	-6.9	-6.6
1950	-7.9	-6.4	1973	-5.3	-7.1	1996	-6.1	-5.8
1951	-6.6	-6.5	1974	-7.3	-6.8	1997	-6.2	-5.5
1952	-5.9	-6.4	1975	-5.6	-7.2	1998	-4.3	-5.2
1953	-6.4	-6.4	1976	-8.2	-6.8	1999	-3.9	-5.2
1954	-6.3	-6.2	1977	-5.4	-6.9	2000	-5.4	-5.0
1955	-4.7	-6.2	1978	-8.4	-6.6	2001	-3.6	-5.1
1956	-7.1	-6.4	1979	-7.2	-6.9	2002	-6.7	-5.2
1957	-6.6	-6.3	1980	-6.0	-6.8	2003	-5.1	-5.1
1958	-6.2	-6.2	1981	-5.6	-6.9	2004	-6.8	-5.1
1959	-7.7	-6.6	1982	-7.4	-6.6	2005	-4.9	
1960	-5.4	-6.7	1983	-7.6	-6.6	2006	-3.5	
1961	-6.0	-6.8	1984	-6.3	-6.6			
1962	-7.3	-7.1	1985	-5.8	-6.7			

Kuujjuaq, QC. Air temperatures (°C) between 1948 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1948	-5.7		1968	-4.8	-5.6	1988	-5.9	-6.2
1949	-6.2		1969	-5.0	-6.0	1989	-6.9	-6.6
1950	-6.3	-5.3	1970	-6.2	-6.0	1990	-6.7	-6.6

1951	-4.9	-5.3	1971	-5.9	-6.0	1991	-6.5	-6.6
1952	-4.0	-5.0	1972	-9.1	-6.1	1992	-7.9	-6.5
1953	-4.8	-5.0	1973	-4.6	-6.4	1993	-6.8	-6.1
1954	NA	-4.8	1974	-6.4	-6.1	1994	-5.8	-5.9
1955	-3.5	-4.7	1975	-5.7	-6.3	1995	-4.8	-5.6
1956	-6.4	-4.9	1976	-6.8	-5.7	1996	-4.2	-4.9
1957	-5.4	-4.9	1977	-4.4	-5.8	1997	-5.4	-4.5
1958	-4.1	-4.9	1978	-7.0	-5.4	1998	-4.0	-4.2
1959	-5.3	-5.2	1979	-5.3	-5.5	1999	-3.4	-4.4
1960	-4.6	-5.1	1980	-5.1	-5.4	2000	-4.1	-4.4
1961	-4.7	-5.3	1981	-3.2	-5.6	2001	-3.6	-4.4
1962	-5.9	-5.7	1982	-6.5	-5.3	2002	-6.1	-4.3
1963	-5.9	-5.5	1983	-6.3	-5.5	2003	-4.5	-4.3
1964	-6.7	-5.8	1984	-5.8	-5.6	2004	-5.0	-4.3
1965	-6.7	-5.8	1985	-5.1	-6.0	2005	-3.6	
1966	-4.1	-5.7	1986	-6.6	-6.0	2006	-3.0	
1967	-6.6	-5.7	1987	-5.5	-6.1			

Kuujjuarapik, QC. Air temperatures (°C) between 1957 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1957	-4.3		1974	-5.6	-4.8	1991	-4.6	-5.1
1958	-3.8		1975	-3.9	-5.1	1992	-6.1	-5.1
1959	-5.0	-4.2	1976	-6.0	-4.7	1993	-4.8	-4.8
1960	-3.5	-4.3	1977	-3.5	-4.9	1994	-4.8	-4.7
1961	-3.8	-4.4	1978	-5.9	-4.5	1995	-4.1	-4.3
1962	-4.6	-4.8	1979	-4.7	-4.7	1996	-4.0	-3.6
1963	-5.0	-4.5	1980	-4.6	-4.5	1997	-4.4	-3.3
1964	-5.0	-4.7	1981	-3.1	-4.6	1998	-1.7	-2.8
1965	-6.6	-4.6	1982	-5.1	-4.3	1999	-1.2	-2.8
1966	-2.9	-4.5	1983	-4.6	-4.5	2000	-3.0	-2.8
1967	-4.9	-4.4	1984	-4.0	-4.3	2001	-1.2	-2.9
1968	-3.0	-4.3	1985	-4.3	-4.4	2002	-4.4	-2.9
1969	-3.8	-4.4	1986	-5.6	-4.5	2003	-3.9	-3.2
1970	-4.7	-4.5	1987	-3.1	-4.6	2004	-4.6	-2.9
1971	-4.1	-4.6	1988	-3.9	-4.7	2005	-2.1	
1972	-7.5	-4.7	1989	-6.1	-5.0	2006	-1.2	
1973	-3.3	-5.0	1990	-5.5	-4.9			

Montreal, QC. Air temperatures (°C) between 1942 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1942	6.8		1964	6.8	6.2	1986	6.1	6.3
1943	5.3		1965	6.1	6.1	1987	6.8	6.4
1944	6.3	6.4	1966	6.6	6.1	1988	6.6	6.5
1945	6.5	6.4	1967	5.5	6.0	1989	5.6	6.4
1946	6.8	6.6	1968	5.6	5.9	1990	7.3	6.4
1947	6.4	6.7	1969	6.1	5.7	1991	7.1	6.2
1948	6.9	6.7	1970	5.6	5.8	1992	5.4	6.2
1949	7.7	6.8	1971	5.6	5.8	1993	5.7	6.3
1950	6.1	7.0	1972	5.1	5.9	1994	5.5	6.1
1951	6.6	7.0	1973	6.9	5.7	1995	6.6	6.3

1952	7.3	7.0	1974	5.4	5.8	1996	6.5	6.7
1953	8.3	6.8	1975	6.5	5.7	1997	5.8	6.8
1954	6.4	6.9	1976	5.1	5.9	1998	8.6	7.1
1955	6.8	6.8	1977	6.1	5.7	1999	8.2	7.3
1956	5.8	6.8	1978	5.1	5.8	2000	6.4	7.2
1957	7.1	6.6	1979	6.3	5.7	2001	7.9	7.3
1958	6.0	6.6	1980	5.1	6.0	2002	7.5	7.1
1959	7.0	6.5	1981	6.5	6.0	2003	6.3	7.1
1960	7.0	6.5	1982	5.9	6.1	2004	6.2	7.3
1961	6.7	6.5	1983	6.9	6.1	2005	7.4	
1962	6.0	6.5	1984	6.5	6.4	2006	8.2	
1963	5.8	6.4	1985	5.8	6.4			

Saskatchewan

Regina, SK. Air temperatures (°C) between 1901 and 2006 reported annually and moving 7 year average

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1901	1.9		1937	1.8	2.3	1973	3.2	2.1
1902	0.8		1938	3.2	2.3	1974	1.8	2.4
1903	0.7	1.1	1939	3.0	2.5	1975	1.9	2.3
1904	0.0	0.9	1940	2.8	2.7	1976	3.4	2.4
1905	1.7	0.8	1941	3.0	2.9	1977	3.3	2.4
1906	1.7	0.7	1942	2.5	2.6	1978	1.8	2.9
1907	-0.8	0.9	1943	2.4	2.4	1979	1.5	2.7
1908	1.6	0.9	1944	3.2	2.2	1980	3.3	2.6
1909	0.3	0.8	1945	1.3	2.0	1981	4.8	2.7
1910	2.0	0.8	1946	1.7	1.9	1982	1.0	2.7
1911	-0.1	1.3	1947	1.3	1.5	1983	2.8	3.0
1912	1.1	1.5	1948	1.5	1.0	1984	3.5	3.4
1913	1.6	1.4	1949	2.0	1.2	1985	1.7	3.3
1914	2.5	1.1	1950	-0.4	1.4	1986	4.0	3.5
1915	3.0	1.5	1951	-0.4	1.7	1987	5.7	3.6
1916	-0.3	1.6	1952	2.5	1.6	1988	4.2	3.6
1017	0.1	1.8	1953	3.6	1.5	1989	2.5	3.9
1918	2.7	1.9	1954	2.8	2.0	1990	3.6	3.7
1919	1.7	1.7	1955	1.0	2.5	1991	3.8	3.3
1920	2.6	2.2	1956	1.6	2.5	1992	3.6	3.1
1921	3.3	2.4	1957	2.7	2.4	1993	2.4	2.7
1922	2.1	2.4	1958	3.4	2.4	1994	3.0	2.7
1923	2.7	2.6	1959	2.5	2.7	1995	2.6	2.7
1924	1.9	2.3	1960	2.6	2.9	1996	0.1	2.7
1925	2.6	2.3	1961	3.2	2.9	1997	3.1	2.7
1926	2.7	2.2	1962	2.7	2.5	1998	4.0	2.7
1927	0.5	2.3	1963	3.5	2.4	1999	3.6	2.7
1928	3.3	2.9	1964	2.4	2.3	2000	2.4	3.0
1929	1.8	2.7	1965	0.9	2.2	2001	3.4	2.9
1930	3.4	2.6	1966	1.2	2.0	2002	2.1	2.7
1931	5.7	3.1	1967	2.0	1.7	2003	2.4	2.7
1932	1.7	2.7	1968	2.8	1.6	2004	2.2	2.8
1933	2.0	2.6	1969	1.5	1.7	2005	3.0	
1934	3.5	2.4	1970	1.2	1.9	2006	3.4	
1935	1.0	2.0	1971	1.9	1.9			

1936	1.0	2.2	1972	1.0	1.8

Saskatoon, SK. Air temperatures (°C) between 1919 and 2006 reported annually and moving 7 year average.

Year	Annual	7 Yr	Year	Annual	7 Yr	Year	Annual	7 Yr
1919	1.0		1949	1.6	0.9	1979	1.0	2.3
1920	2.0		1950	-0.8	1.1	1980	2.6	2.2
1921	1.9	1.6	1951	-1.1	1.2	1981	4.6	2.3
1922	1.3	1.6	1952	2.3	1.1	1982	0.5	2.3
1923	2.1	1.8	1953	3.0	1.0	1983	2.6	2.6
1924	1.4	1.5	1954	1.9	1.5	1984	3.1	2.6
1925	1.6	1.7	1955	0.6	2.0	1985	1.4	2.8
1926	2.2	1.6	1956	1.1	2.0	1986	3.4	3.0
1927	0.1	1.8	1957	2.4	1.9	1987	5.1	3.0
1928	2.9	2.2	1958	2.9	2.0	1988	3.5	3.0
1929	1.2	2.1	1959	2.1	2.2	1989	1.9	3.2
1930	2.8	1.9	1960	2.3	2.5	1990	2.4	2.9
1931	4.2	2.3	1961	2.6	2.4	1991	3.1	2.5
1932	0.9	2.0	1962	2.3	2.0	1992	2.7	2.2
1933	0.9	1.9	1963	2.7	1.7	1993	1.9	1.8
1934	3.1	1.6	1964	1.8	1.6	1994	1.8	1.9
1935	0.6	1.4	1965	0.2	1.5	1995	1.4	1.9
1936	0.5	1.6	1966	0.3	1.3	1996	-0.5	2.0
1937	1.2	1.8	1967	1.2	1.0	1997	2.6	2.1
1938	2.7	1.8	1968	2.2	0.9	1998	3.6	2.3
1939	2.4	2.1	1969	0.7	0.9	1999	3.4	2.4
1940	2.2	2.3	1970	0.8	1.2	2000	2.1	2.9
1941	2.8	2.5	1971	1.0	1.2	2001	3.7	2.8
1942	2.6	2.3	1972	0.3	1.1	2002	2.0	2.7
1943	2.1	2.2	1973	2.1	1.4	2003	2.6	3.4
1944	2.7	2.0	1974	1.5	1.7	2004	2.1	3.6
1945	1.1	1.8	1975	1.0	1.7	2005	2.8	
1946	1.7	1.7	1976	3.2	1.8	2006	8.4	
1947	1.3	1.3	1977	2.6	1.9			
1948	1.2	0.7	1978	1.4	2.3			